CHINT

Empower the World



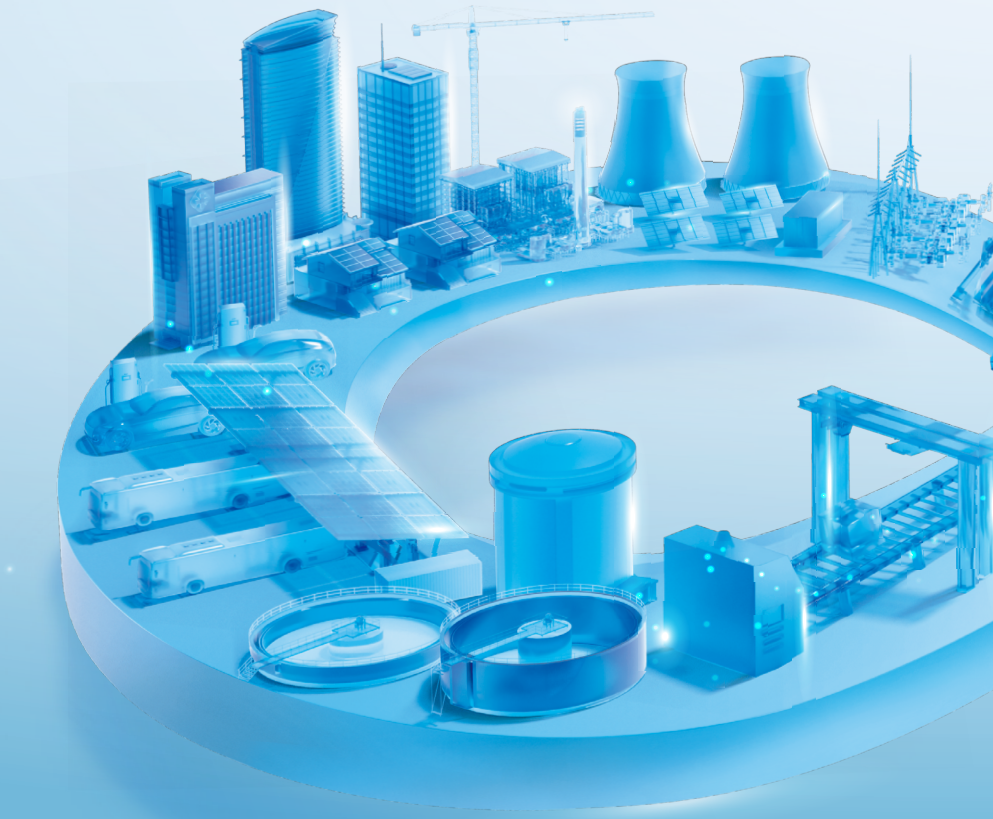
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1.0 Switchgear Basics

1.1 IP, IK

• IP Degree

IEC 60529 standard defines the IP code, which is expressed numerically and provided by the enclosure degree of protection.

1st number:
Protection against the penetration of solid objects

0	-	No protection
1		Protected against solid objects larger than 50 mm
2		Protected against solid objects larger than 12.5 mm
3		Protected against solid objects larger than 2.5 mm
4		Protected against solid objects larger than 1 mm
5		Protected against dust (no harmful deposits)
6		Totally protected against dust

2nd number:
Protection against liquids

0		No protection
1		Protected against vertically falling drops of water (condensation)
2		Protected against dripping water up to 15° from the vertical
3		Protected against rainwater up to 60° from the vertical
4		Protected against water sprayed from all directions
5		Protected against water jets from all directions
6		Totally protected against powerful water jets similar to heavy seas
7		Protected against the effects of immersion
8		Protected against the effects of prolonged immersion under specified conditions

• IK Degree

IEC 62262 standard defines the IK code, which refers to the degrees of protection provided by enclosures for electrical equipment against external mechanical impacts. Characteristic group numerals of the IK code and meanings as below:

IK Code	IK00	IK01	IK02	IK03	IK04	IK05	IK06	IK07	IK08	IK09	IK10
Impact energy, J	-	0.14	0.2	0.35	0.5	0.7	1	2	5	10	20

1.0

Switchgear Basics

1.2 Internal form

• Separations inside an assembly

Standard IEC 61439-2 defines the separations inside an assembly according to 4 types of form, each form being divided into two groups, 'a' and 'b'. These internal separations are created using barriers or screens made of metal or insulating material.

- **Form 1:** No separation
- **Form 2:** Separation of busbars from functional units
- **Form 3:** Separation of busbars from functional units and separation of all functional units from each other. Separation of terminals for external conductors from functional units
- **Form 4:** Separation of busbars from functional units and separation of all functional units from each other. Separation of terminals for external conductors from busbars.

Cutline:

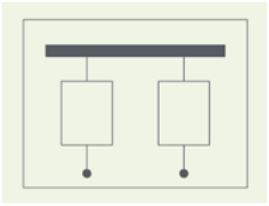


Busbars, including distribution busbars



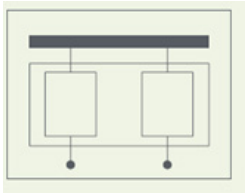
Functional unit, including terminals for external conductors

Form 1

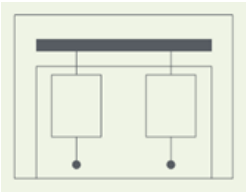


No separation

Form 2

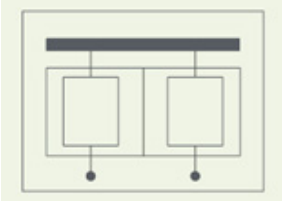


Form 2a: Separation of busbars from functional units.Terminals for external conductors do not need to be separated from busbars.

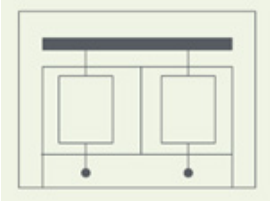


Form 2b: Separation of busbars from functional units. Terminals for external conductors are separated from busbars.

Form 3

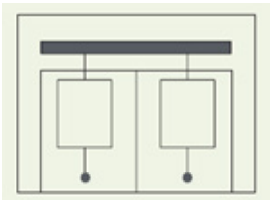


Form 3a:Separation of busbars from functional units and separation of all functional units from each other. Terminals for external conductors do not need to be separated from busbars.

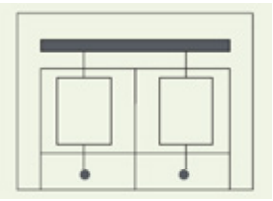


Form 3b:Separation of busbars from functional units and separation of all functional units from each other. Separation of terminals for external conductors from functional units but no separation between terminals.

Form 4



Form 4a:Separation of busbars from functional units and separation of all functional units from each other, including the terminals for external conductors which are an integral part of the functional unit. Terminals for external conductors are in the same compartment as the functional unit.



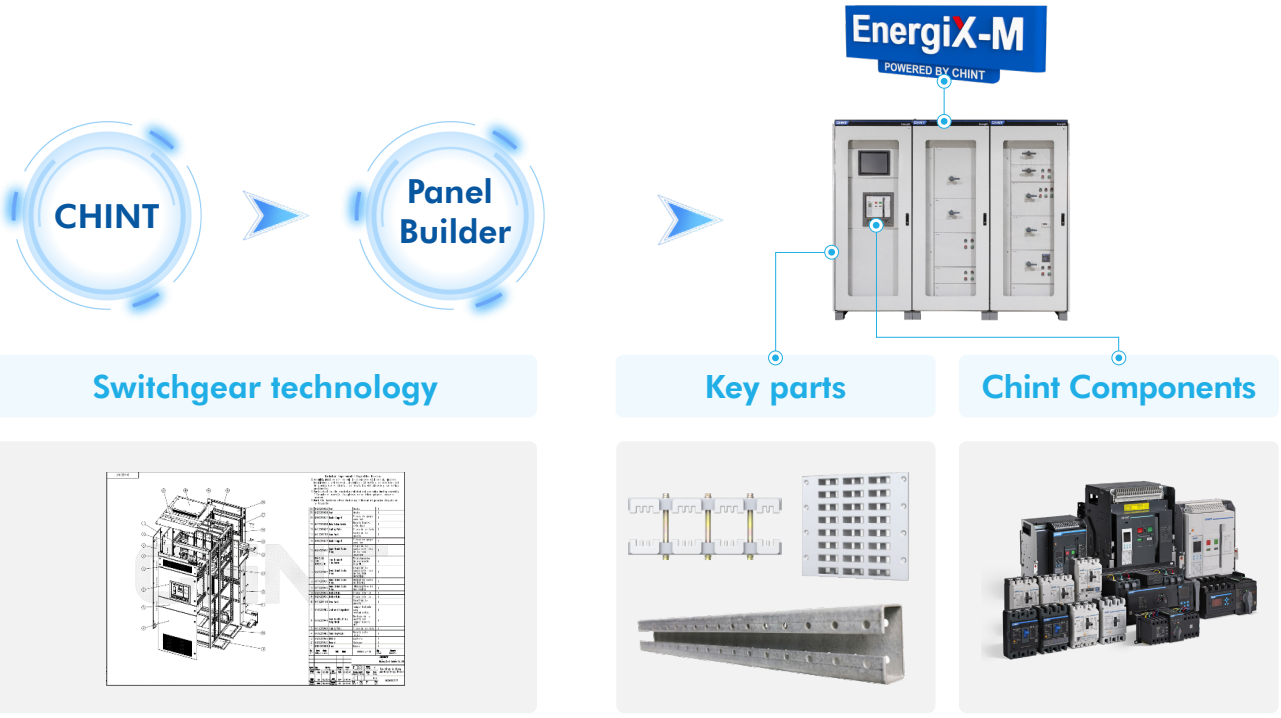
Form 4b:Separation of busbars from functional units and separation of all the functional units from each other including terminals for external conductors. Terminals for external conductors are not in the same compartment as the functional unit but in separate individual compartments.

1.0 Switchgear Basics

1.3 EnergiX Series

- Panel builder partner business

Business mode



CHINT brand new TTA series EnergiX

EnergiX series is partner business exclusive product. As Chint brand new TTA panels, EnergiX TTA panels comply with the latest IEC 61439-2: 2020 standard and have all range of Dekra Certificates.



EnergiX-M: Main distribution board



EnergiX-S: Sub main distribution board



EnergiX-F: Final distribution box

Industry Application



Power Utility | Buildings | Industrial OEM | New Energy | Telecom & Data Center | Industrial

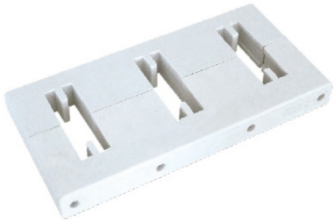
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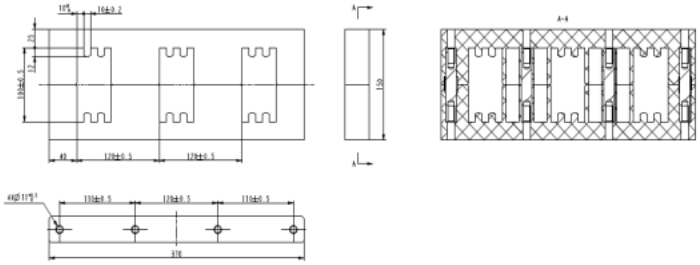
Switchgear Basics

1.4 Main Accessories

- Switchgear key accessories

Busbar clamp



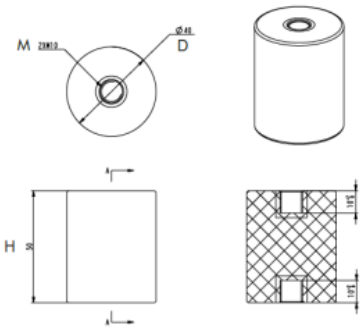


Ordering Code	Specification	Phase Distance/mm
515093	3*1*10*80	100
515094	3*1*10*100	100
515090	3*2*10*80	110
515102	3*2*10*120	110
515092	3*3*10*100	120
515091	3*3*10*120	120

1: The first number '3' means phase quantity, the second number '1' means bar piece quantity per phase, '10*80' means bar size.

Insulator



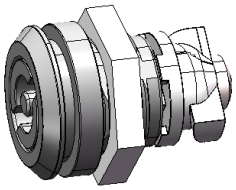


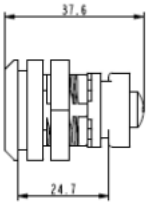
Ordering Code	H	D	M
515108	35	32	M8
515116	50	50	M10
515117	40	30	M8
515118	40	40	M10
515119	30	30	M8
515120	50	40	M10

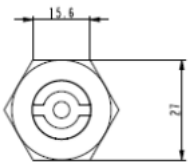
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Switchgear Basics

Lock

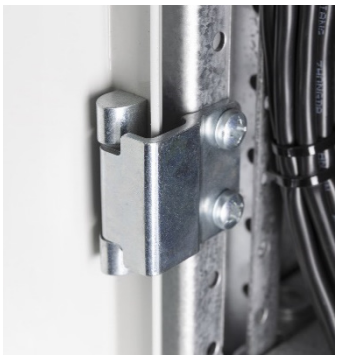


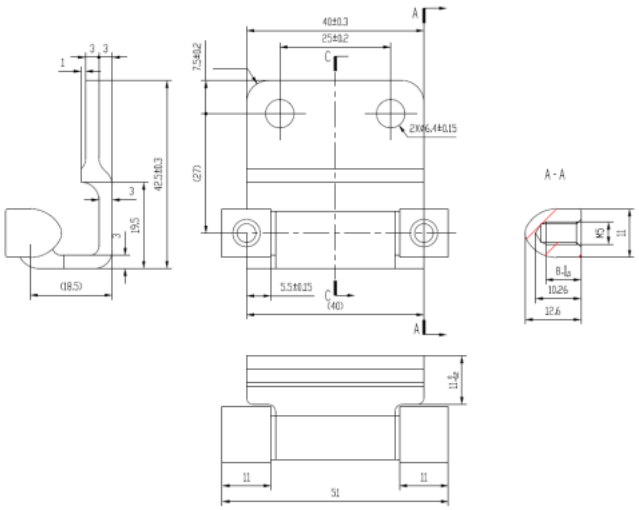




Ordering Code	515107

Hinge

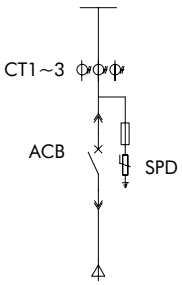
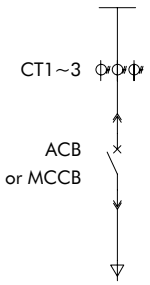
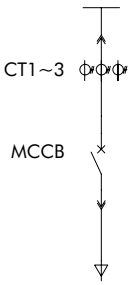
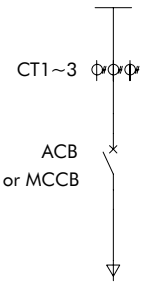
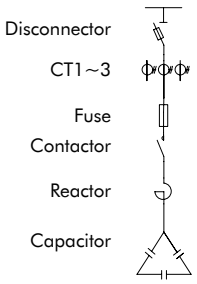




Ordering Code	387357

1.0 Switchgear Basics

1.5 Typical Single Line Diagram

Incoming Unit	Outgoing - Drawerable & Plug-in Unit	Outgoing - Drawer Unit	Outgoing - Fixed Unit	Capacitor Unit
				
CT: BH-0.66 ACB: NA8,NXA,NA1 SPD: NXU	CT: BH-0.66 ACB: NA8,NXA,NA1 MCCB: NM8N,NXM	CT: BH-0.66 MCCB: NM8N,NXM	CT: BH-0.66 ACB: NA8,NXA,NA1 MCCB: NM8N,NXM	Disconnector: NH40 Connector: NXCC Reactor: CKSG CT: BH-0.66 FU: RT36 Capacitor: NWC5,NWC6,BAGB


CHNT

2.0 Power Distribution Components

2.1 Air Circuit Breaker
- 2.1.1 NA8 09
- 2.1.2 NA1 17
- 2.1.3 NXA 25

2.2 Molded Case Circuit Breaker
- 2.2.1 NM8N 35
- 2.2.2 NXM 41

2.3 Current Transformer BH-0.66 45

2.4 Disconnector NH40 47

2.5 Fuse RT36 51

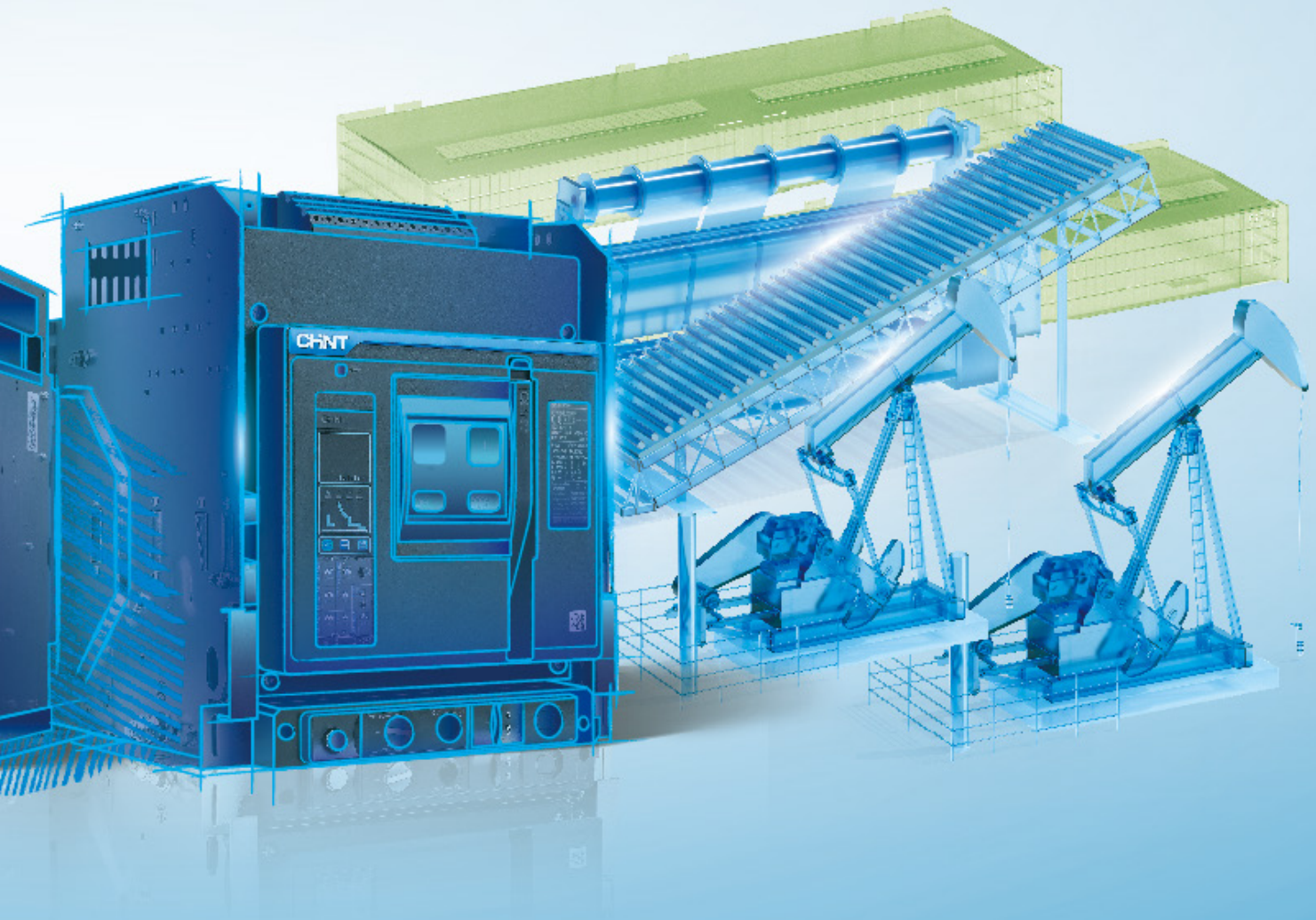
2.6 Capacitor Switch Contactor NXCC 55

2.7 Reactor CKSG 57

2.8 Capacitor
- 2.7.1 NWC6 59
- 2.7.2 NWC5 63
- 2.7.3 BAGB 69

2.9 Digital Meter PD666 71

2.10 Surge Protective Device NXU-I+II 73



2.0

Power Distribution Components

2.1 Air Circuit Breaker

2.1.1 NA8



General Description

The CHINT NA8 series of Air circuit breakers is a high-performance electrical protection solution designed for a wide range of applications. These breakers are renowned for their robustness, reliability, and advanced features, making them an ideal choice for various industrial and commercial applications.

- Frame size (A): 1600 , 2500, 4000, 7500
- Breaking capacity: N, H ,HU
- Rated voltage Ue (VAC): 380/400/415, 690, 800, 1000/1150
- Number of poles: 3 or 4 poles
- Mounting mode: withdrawable type or fixed type
- Mode of connection: horizontal connection, vertical connection, mixed connection

NA8	-	1600	N	-	1600	-	M	/	3	MO	D	230VAC	-	OTHER
Product Code		Frame Current	Breaking Capacity Code		Rated Current		Intelligent Controller Code		Number of poles code	Operation Mode Code	Mounting Mode Code	Control Circuit Voltage Code		Special Requirement Code
		1600	N: standard type		200 400 630 800 1000 1250 1600 2000 2500 3200 4000 5000 6300 7500		M: basic type (digital display type)		3: three poles	MO: motor-driven operation	D: draw-out type	230VAC: AC 230 V		None: no special requirement
		2500	H: higher type				H: communication type (LCD display type)		4: four poles	MN: manual operation	F: fixed type	400VAC: AC 400 V		
		3200	HU: High voltage type				S: IoT type					110VDC: DC 110 V		Special requirement, like: KL : key lock
		4000										220VDC: DC 220 V		
		7500												

2.0

Power Distribution Components

NA8 SKU

Installation method	Poles	Frame size	Rated current	SKU	Ordering Code
Fixed	4P	1600A	1000A	NA8-1600H-1000M/4 MN-FX 230VAC	520739
Withdrawable	4P	1600A	1000A	NA8-1600H-1000M/4 MN-WD 230VAC	520738
Fixed	4P	1600A	1000A	NA8-1600H-1000M/4 MO-FX 230VAC	520741
Withdrawable	4P	1600A	1000A	NA8-1600H-1000M/4 MO-WD 230VAC	520740
Fixed	3P	1600A	1000A	NA8-1600H-1000S/3 MO-FX 230VAC	530550
Withdrawable	3P	1600A	1000A	NA8-1600H-1000S/3 MO-WD 230VAC	530546
Fixed	4P	1600A	1000A	NA8-1600H-1000S/4 MO-FX 230VAC	530552
Withdrawable	4P	1600A	1000A	NA8-1600H-1000S/4 MO-WD 230VAC	530548
Withdrawable	3P	1600A	1250A	NA8-1600H-1250M/3 MO-WD 230VAC	529847
Fixed	3P	1600A	1250A	NA8-1600H-1250S/3 MO-FX 230VAC	530566
Withdrawable	3P	1600A	1250A	NA8-1600H-1250S/3 MO-WD 230VAC	530562
Fixed	4P	1600A	1250A	NA8-1600H-1250S/4 MO-FX 230VAC	530568
Withdrawable	4P	1600A	1250A	NA8-1600H-1250S/4 MO-WD 230VAC	530564
Fixed	3P	1600A	1600A	NA8-1600H-1600S/3 MO-FX 230VAC	530582
Withdrawable	3P	1600A	1600A	NA8-1600H-1600S/3 MO-WD 230VAC	530578
Fixed	4P	1600A	1600A	NA8-1600H-1600S/4 MO-FX 230VAC	530584
Withdrawable	4P	1600A	1600A	NA8-1600H-1600S/4 MO-WD 230VAC	530580
Fixed	3P	1600A	630A	NA8-1600H-630H/3 MN-FX 230VAC	530845
Fixed	4P	1600A	630A	NA8-1600H-630H/4 MN-FX 230VAC	530846
Fixed	3P	1600A	630A	NA8-1600H-630S/3 MO-FX 230VAC	530518
Withdrawable	3P	1600A	630A	NA8-1600H-630S/3 MO-WD 230VAC	530514
Fixed	4P	1600A	630A	NA8-1600H-630S/4 MO-FX 230VAC	530520
Withdrawable	4P	1600A	630A	NA8-1600H-630S/4 MO-WD 230VAC	530516
Fixed	3P	1600A	800A	NA8-1600H-800H/3 MN-FX 230VAC	530847
Fixed	4P	1600A	800A	NA8-1600H-800H/4 MN-FX 230VAC	530848
Fixed	3P	1600A	800A	NA8-1600H-800S/3 MO-FX 230VAC	530534
Withdrawable	3P	1600A	800A	NA8-1600H-800S/3 MO-WD 230VAC	530530
Fixed	4P	1600A	800A	NA8-1600H-800S/4 MO-FX 230VAC	530536
Withdrawable	4P	1600A	800A	NA8-1600H-800S/4 MO-WD 230VAC	530532
Fixed	3P	2500A	1000A	NA8-2500H-1000H/3 MN-FX 230VAC	262488
Withdrawable	3P	2500A	1000A	NA8-2500H-1000H/3 MN-WD 230VAC	264235
Fixed	3P	2500A	1000A	NA8-2500H-1000H/3 MO-FX 230VAC	262490
Withdrawable	3P	2500A	1000A	NA8-2500H-1000H/3 MO-WD 230VAC	262489
Fixed	4P	2500A	1000A	NA8-2500H-1000H/4 MN-FX 230VAC	262614
Withdrawable	4P	2500A	1000A	NA8-2500H-1000H/4 MN-WD 230VAC	264249
Fixed	4P	2500A	1000A	NA8-2500H-1000H/4 MO-FX 230VAC	262616
Withdrawable	4P	2500A	1000A	NA8-2500H-1000H/4 MO-WD 230VAC	262615
Fixed	3P	2500A	1000A	NA8-2500H-1000M/3 MN-FX 230VAC	262425
Withdrawable	3P	2500A	1000A	NA8-2500H-1000M/3 MN-WD 230VAC	264228

2.0

Power Distribution Components

NA8 SKU

Installation method	Poles	Frame size	Rated current	SKU	Ordering Code
Fixed	3P	2500A	1000A	NA8-2500H-1000M/3 MO-FX 230VAC	262427
Withdrawable	3P	2500A	1000A	NA8-2500H-1000M/3 MO-WD 230VAC	262426
Fixed	4P	2500A	1000A	NA8-2500H-1000M/4 MN-FX 230VAC	262551
Withdrawable	4P	2500A	1000A	NA8-2500H-1000M/4 MN-WD 230VAC	264242
Fixed	4P	2500A	1000A	NA8-2500H-1000M/4 MO-FX 230VAC	262553
Withdrawable	4P	2500A	1000A	NA8-2500H-1000M/4 MO-WD 230VAC	262552
Fixed	3P	2500A	1250A	NA8-2500H-1250H/3 MN-FX 230VAC	262491
Withdrawable	3P	2500A	1250A	NA8-2500H-1250H/3 MN-WD 230VAC	264236
Fixed	3P	2500A	1250A	NA8-2500H-1250H/3 MO-FX 230VAC	262493
Withdrawable	3P	2500A	1250A	NA8-2500H-1250H/3 MO-WD 230VAC	262492
Fixed	4P	2500A	1250A	NA8-2500H-1250H/4 MN-FX 230VAC	262617
Withdrawable	4P	2500A	1250A	NA8-2500H-1250H/4 MN-WD 230VAC	264250
Fixed	4P	2500A	1250A	NA8-2500H-1250H/4 MO-FX 230VAC	262619
Withdrawable	4P	2500A	1250A	NA8-2500H-1250H/4 MO-WD 230VAC	262618
Fixed	3P	2500A	1250A	NA8-2500H-1250M/3 MN-FX 230VAC	262428
Withdrawable	3P	2500A	1250A	NA8-2500H-1250M/3 MN-WD 230VAC	264229
Fixed	3P	2500A	1250A	NA8-2500H-1250M/3 MO-FX 230VAC	262430
Withdrawable	3P	2500A	1250A	NA8-2500H-1250M/3 MO-WD 230VAC	262429
Fixed	4P	2500A	1250A	NA8-2500H-1250M/4 MN-FX 230VAC	262554
Withdrawable	4P	2500A	1250A	NA8-2500H-1250M/4 MN-WD 230VAC	264243
Fixed	4P	2500A	1250A	NA8-2500H-1250M/4 MO-FX 230VAC	262556
Withdrawable	4P	2500A	1250A	NA8-2500H-1250M/4 MO-WD 230VAC	262555
Fixed	3P	2500A	1600A	NA8-2500H-1600H/3 MN-FX 230VAC	262494
Withdrawable	3P	2500A	1600A	NA8-2500H-1600H/3 MN-WD 230VAC	264237
Fixed	3P	2500A	1600A	NA8-2500H-1600H/3 MO-FX 230VAC	262496
Withdrawable	3P	2500A	1600A	NA8-2500H-1600H/3 MO-WD 230VAC	262495
Fixed	4P	2500A	1600A	NA8-2500H-1600H/4 MN-FX 230VAC	262620
Withdrawable	4P	2500A	1600A	NA8-2500H-1600H/4 MN-WD 230VAC	264251
Fixed	4P	2500A	1600A	NA8-2500H-1600H/4 MO-FX 230VAC	262622
Withdrawable	4P	2500A	1600A	NA8-2500H-1600H/4 MO-WD 230VAC	262621
Fixed	3P	2500A	1600A	NA8-2500H-1600M/3 MN-FX 230VAC	262431
Withdrawable	3P	2500A	1600A	NA8-2500H-1600M/3 MN-WD 230VAC	264230
Fixed	3P	2500A	1600A	NA8-2500H-1600M/3 MO-FX 230VAC	262433
Withdrawable	3P	2500A	1600A	NA8-2500H-1600M/3 MO-WD 230VAC	262432
Fixed	4P	2500A	1600A	NA8-2500H-1600M/4 MN-FX 230VAC	262557
Withdrawable	4P	2500A	1600A	NA8-2500H-1600M/4 MN-WD 230VAC	264244
Fixed	4P	2500A	1600A	NA8-2500H-1600M/4 MO-FX 230VAC	262559
Withdrawable	4P	2500A	1600A	NA8-2500H-1600M/4P MO-WD AC230V	262558
Fixed	3P	2500A	2000A	NA8-2500H-2000H/3 MN-FX 230VAC	262497

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Power Distribution Components

NA8 SKU

Installation method	Poles	Frame size	Rated current	SKU	Ordering Code
Withdrawable	3P	2500A	2000A	NA8-2500H-2000H/3 MN-WD 230VAC	264238
Fixed	3P	2500A	2000A	NA8-2500H-2000H/3 MO-FX 230VAC	262499
Withdrawable	3P	2500A	2000A	NA8-2500H-2000H/3 MO-WD 230VAC	262498
Fixed	4P	2500A	2000A	NA8-2500H-2000H/4 MN-FX 230VAC	262623
Withdrawable	4P	2500A	2000A	NA8-2500H-2000H/4 MN-WD 230VAC	264252
Fixed	4P	2500A	2000A	NA8-2500H-2000H/4 MO-FX 230VAC	262625
Withdrawable	4P	2500A	2000A	NA8-2500H-2000H/4 MO-WD 230VAC	262624
Fixed	3P	2500A	2000A	NA8-2500H-2000M/3 MN-FX 230VAC	262434
Withdrawable	3P	2500A	2000A	NA8-2500H-2000M/3 MN-WD 230VAC	264231
Fixed	3P	2500A	2000A	NA8-2500H-2000M/3 MO-FX 230VAC	262436
Withdrawable	3P	2500A	2000A	NA8-2500H-2000M/3 MO-WD 230VAC	262435
Fixed	3P	2500A	2000A	NA8-2500H-2000M/3P MO-FX DC24V	276291
Fixed	4P	2500A	2000A	NA8-2500H-2000M/4 MN-FX 230VAC	262560
Fixed	4P	2500A	2000A	NA8-2500H-2000M/4 MO-FX 230VAC	262562
Withdrawable	4P	2500A	2000A	NA8-2500H-2000M/4 MO-WD 230VAC	262561
Withdrawable	4P	2500A	2000A	NA8-2500H-2000M/4P MN-WD AC230V	264245
Fixed	3P	2500A	2500A	NA8-2500H-2500H/3 MN-FX 230VAC	262500
Withdrawable	3P	2500A	2500A	NA8-2500H-2500H/3 MN-WD 230VAC	264239
Fixed	3P	2500A	2500A	NA8-2500H-2500H/3 MO-FX 230VAC	262502
Withdrawable	3P	2500A	2500A	NA8-2500H-2500H/3 MO-WD 230VAC	262501
Fixed	4P	2500A	2500A	NA8-2500H-2500H/4 MN-FX 230VAC	262626
Withdrawable	4P	2500A	2500A	NA8-2500H-2500H/4 MN-WD 230VAC	264253
Fixed	4P	2500A	2500A	NA8-2500H-2500H/4 MO-FX 230VAC	262628
Withdrawable	4P	2500A	2500A	NA8-2500H-2500H/4 MO-WD 230VAC	262627
Fixed	3P	2500A	2500A	NA8-2500H-2500M/3 MN-FX 230VAC	262437
Withdrawable	3P	2500A	2500A	NA8-2500H-2500M/3 MN-WD 230VAC	264232
Fixed	3P	2500A	2500A	NA8-2500H-2500M/3 MO-FX 230VAC	262439
Withdrawable	3P	2500A	2500A	NA8-2500H-2500M/3 MO-WD 230VAC	262438
Fixed	4P	2500A	2500A	NA8-2500H-2500M/4 MN-FX 230VAC	262563
Withdrawable	4P	2500A	2500A	NA8-2500H-2500M/4 MN-WD 230VAC	264246
Fixed	4P	2500A	2500A	NA8-2500H-2500M/4 MO-FX 230VAC	262565
Withdrawable	4P	2500A	2500A	NA8-2500H-2500M/4 MO-WD 230VAC	262564
Fixed	4P	2500A	2500A	NA8-2500H-2500M/4P MN-FX DC24V	276290
Fixed	3P	2500A	630A	NA8-2500H-630H/3 MN-FX 230VAC	262482
Withdrawable	3P	2500A	630A	NA8-2500H-630H/3 MN-WD 230VAC	264233
Fixed	3P	2500A	630A	NA8-2500H-630H/3 MO-FX 230VAC	262484
Withdrawable	3P	2500A	630A	NA8-2500H-630H/3 MO-WD 230VAC	262483
Fixed	4P	2500A	630A	NA8-2500H-630H/4 MN-FX 230VAC	262608
Withdrawable	4P	2500A	630A	NA8-2500H-630H/4 MN-WD 230VAC	264247

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Power Distribution Components

NA8 SKU

Installation method	Poles	Frame size	Rated current	SKU	Ordering Code
Fixed	4P	2500A	630A	NA8-2500H-630H/4 MO-FX 230VAC	262610
Withdrawable	4P	2500A	630A	NA8-2500H-630H/4 MO-WD 230VAC	262609
Fixed	3P	2500A	630A	NA8-2500H-630M/3 MN-FX 230VAC	262419
Withdrawable	3P	2500A	630A	NA8-2500H-630M/3 MN-WD 230VAC	264226
Fixed	3P	2500A	630A	NA8-2500H-630M/3 MO-FX 230VAC	262421
Withdrawable	3P	2500A	630A	NA8-2500H-630M/3 MO-WD 230VAC	262420
Fixed	4P	2500A	630A	NA8-2500H-630M/4 MN-FX 230VAC	262545
Withdrawable	4P	2500A	630A	NA8-2500H-630M/4 MN-WD 230VAC	264240
Fixed	4P	2500A	630A	NA8-2500H-630M/4 MO-FX 230VAC	262547
Withdrawable	4P	2500A	630A	NA8-2500H-630M/4 MO-WD 230VAC	262546
Fixed	3P	2500A	800A	NA8-2500H-800H/3 MN-FX 230VAC	262485
Withdrawable	3P	2500A	800A	NA8-2500H-800H/3 MN-WD 230VAC	264234
Fixed	3P	2500A	800A	NA8-2500H-800H/3 MO-FX 230VAC	262487
Withdrawable	3P	2500A	800A	NA8-2500H-800H/3 MO-WD 230VAC	262486
Fixed	4P	2500A	800A	NA8-2500H-800H/4 MN-FX 230VAC	262611
Withdrawable	4P	2500A	800A	NA8-2500H-800H/4 MN-WD 230VAC	264248
Fixed	4P	2500A	800A	NA8-2500H-800H/4 MO-FX 230VAC	262613
Withdrawable	4P	2500A	800A	NA8-2500H-800H/4 MO-WD 230VAC	262612
Fixed	3P	2500A	800A	NA8-2500H-800M/3 MN-FX 230VAC	262422
Withdrawable	3P	2500A	800A	NA8-2500H-800M/3 MN-WD 230VAC	264227
Fixed	3P	2500A	800A	NA8-2500H-800M/3 MO-FX 230VAC	262424
Withdrawable	3P	2500A	800A	NA8-2500H-800M/3 MO-WD 230VAC	262423
Fixed	4P	2500A	800A	NA8-2500H-800M/4 MN-FX 230VAC	262548
Withdrawable	4P	2500A	800A	NA8-2500H-800M/4 MN-WD 230VAC	264241
Fixed	4P	2500A	800A	NA8-2500H-800M/4 MO-FX 230VAC	262550
Withdrawable	4P	2500A	800A	NA8-2500H-800M/4 MO-WD 230VAC	262549
Fixed	3P	4000A	1600A	NA8-4000H-1600H/3 MN-FX 230VAC	262716
Withdrawable	3P	4000A	1600A	NA8-4000H-1600H/3 MN-WD 230VAC	264593
Fixed	3P	4000A	1600A	NA8-4000H-1600H/3 MO-FX 230VAC	262718
Withdrawable	3P	4000A	1600A	NA8-4000H-1600H/3 MO-WD 230VAC	262717
Fixed	4P	4000A	1600A	NA8-4000H-1600H/4 MN-FX 230VAC	262806
Withdrawable	4P	4000A	1600A	NA8-4000H-1600H/4 MN-WD 230VAC	264603
Fixed	4P	4000A	1600A	NA8-4000H-1600H/4 MO-FX 230VAC	262808
Withdrawable	4P	4000A	1600A	NA8-4000H-1600H/4 MO-WD 230VAC	262807
Fixed	3P	4000A	1600A	NA8-4000H-1600M/3 MN-FX 230VAC	262671
Withdrawable	3P	4000A	1600A	NA8-4000H-1600M/3 MN-WD 230VAC	264588
Withdrawable	3P	4000A	1600A	NA8-4000H-1600M/3 MO-WD 230VAC	262672
Fixed	3P	4000A	1600A	NA8-4000H-1600M/3P MO-FX AC230V	262673
Fixed	4P	4000A	1600A	NA8-4000H-1600M/4 MN-FX 230VAC	262761

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Power Distribution Components

NA8 SKU

Installation method	Poles	Frame size	Rated current	SKU	Ordering Code
Withdrawable	4P	4000A	1600A	NA8-4000H-1600M/4 MN-WD 230VAC	264598
Fixed	4P	4000A	1600A	NA8-4000H-1600M/4 MO-FX 230VAC	262763
Withdrawable	4P	4000A	1600A	NA8-4000H-1600M/4 MO-WD 230VAC	262762
Fixed	3P	4000A	1600A	NA8-4000H-1600S/3 MO-FX 230VAC	530599
Withdrawable	3P	4000A	1600A	NA8-4000H-1600S/3 MO-WD 230VAC	530595
Fixed	4P	4000A	1600A	NA8-4000H-1600S/4 MO-FX 230VAC	530601
Withdrawable	4P	4000A	1600A	NA8-4000H-1600S/4 MO-WD 230VAC	530597
Fixed	3P	4000A	2000A	NA8-4000H-2000H/3 MN-FX 230VAC	262719
Withdrawable	3P	4000A	2000A	NA8-4000H-2000H/3 MN-WD 230VAC	264594
Fixed	3P	4000A	2000A	NA8-4000H-2000H/3 MO-FX 230VAC	262721
Withdrawable	3P	4000A	2000A	NA8-4000H-2000H/3 MO-WD 230VAC	262720
Fixed	4P	4000A	2000A	NA8-4000H-2000H/4 MN-FX 230VAC	262809
Withdrawable	4P	4000A	2000A	NA8-4000H-2000H/4 MN-WD 230VAC	264604
Fixed	4P	4000A	2000A	NA8-4000H-2000H/4 MO-FX 230VAC	262811
Withdrawable	4P	4000A	2000A	NA8-4000H-2000H/4 MO-WD 230VAC	262810
Fixed	3P	4000A	2000A	NA8-4000H-2000M/3 MN-FX 230VAC	262674
Withdrawable	3P	4000A	2000A	NA8-4000H-2000M/3 MN-WD 230VAC	264589
Fixed	3P	4000A	2000A	NA8-4000H-2000M/3 MO-FX 230VAC	262676
Withdrawable	3P	4000A	2000A	NA8-4000H-2000M/3 MO-WD 230VAC	262675
Fixed	4P	4000A	2000A	NA8-4000H-2000M/4 MN-FX 230VAC	262764
Withdrawable	4P	4000A	2000A	NA8-4000H-2000M/4 MN-WD 230VAC	264599
Fixed	4P	4000A	2000A	NA8-4000H-2000M/4 MO-FX 230VAC	262766
Withdrawable	4P	4000A	2000A	NA8-4000H-2000M/4 MO-WD 230VAC	262765
Fixed	3P	4000A	2000A	NA8-4000H-2000S/3 MO-FX 230VAC	530615
Withdrawable	3P	4000A	2000A	NA8-4000H-2000S/3 MO-WD 230VAC	530611
Fixed	4P	4000A	2000A	NA8-4000H-2000S/4 MO-FX 230VAC	530617
Withdrawable	4P	4000A	2000A	NA8-4000H-2000S/4 MO-WD 230VAC	530613
Fixed	3P	4000A	2500A	NA8-4000H-2500H/3 MN-FX 230VAC	262722
Withdrawable	3P	4000A	2500A	NA8-4000H-2500H/3 MN-WD 230VAC	264595
Fixed	3P	4000A	2500A	NA8-4000H-2500H/3 MO-FX 230VAC	262724
Withdrawable	3P	4000A	2500A	NA8-4000H-2500H/3 MO-WD 230VAC	262723
Fixed	4P	4000A	2500A	NA8-4000H-2500H/4 MN-FX 230VAC	262812
Withdrawable	4P	4000A	2500A	NA8-4000H-2500H/4 MN-WD 230VAC	264605
Fixed	4P	4000A	2500A	NA8-4000H-2500H/4 MO-FX 230VAC	262814
Withdrawable	4P	4000A	2500A	NA8-4000H-2500H/4 MO-WD 230VAC	262813
Fixed	3P	4000A	2500A	NA8-4000H-2500M/3 MN-FX 230VAC	262677
Withdrawable	3P	4000A	2500A	NA8-4000H-2500M/3 MN-WD 230VAC	264590
Fixed	3P	4000A	2500A	NA8-4000H-2500M/3 MO-FX 230VAC	262679
Withdrawable	3P	4000A	2500A	NA8-4000H-2500M/3 MO-WD 230VAC	262678

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Power Distribution Components

NA8 SKU

Installation method	Poles	Frame size	Rated current	SKU	Ordering Code
Fixed	4P	4000A	2500A	NA8-4000H-2500M/4 MN-FX 230VAC	262767
Withdrawable	4P	4000A	2500A	NA8-4000H-2500M/4 MN-WD 230VAC	264600
Fixed	4P	4000A	2500A	NA8-4000H-2500M/4 MO-FX 230VAC	262769
Withdrawable	4P	4000A	2500A	NA8-4000H-2500M/4P MO-WD AC230V	262768
Fixed	3P	4000A	2500A	NA8-4000H-2500S/3 MO-FX 230VAC	530631
Withdrawable	3P	4000A	2500A	NA8-4000H-2500S/3 MO-WD 230VAC	530627
Fixed	4P	4000A	2500A	NA8-4000H-2500S/4 MO-FX 230VAC	530633
Withdrawable	4P	4000A	2500A	NA8-4000H-2500S/4 MO-WD 230VAC	530629
Fixed	3P	4000A	4000A	NA8-4000H-4000H/3 MN-FX 230VAC	262728
Withdrawable	3P	4000A	4000A	NA8-4000H-4000H/3 MN-WD 230VAC	264597
Fixed	3P	4000A	4000A	NA8-4000H-4000H/3 MO-FX 230VAC	262730
Withdrawable	3P	4000A	4000A	NA8-4000H-4000H/3 MO-WD 230VAC	262729
Fixed	4P	4000A	4000A	NA8-4000H-4000H/4 MN-FX 230VAC	262818
Withdrawable	4P	4000A	4000A	NA8-4000H-4000H/4 MN-WD 230VAC	264607
Fixed	4P	4000A	4000A	NA8-4000H-4000H/4 MO-FX 230VAC	262820
Withdrawable	4P	4000A	4000A	NA8-4000H-4000H/4 MO-WD 230VAC	262819
Fixed	3P	4000A	4000A	NA8-4000H-4000M/3 MN-FX 230VAC	262683
Withdrawable	3P	4000A	4000A	NA8-4000H-4000M/3 MN-WD 230VAC	264592
Withdrawable	3P	4000A	4000A	NA8-4000H-4000M/3 MO-WD 230VAC	262684
Fixed	3P	4000A	4000A	NA8-4000H-4000M/3P MO-FX AC230V	262685
Fixed	4P	4000A	4000A	NA8-4000H-4000M/4 MN-FX 230VAC	262773
Withdrawable	4P	4000A	4000A	NA8-4000H-4000M/4 MN-WD 230VAC	264602
Fixed	4P	4000A	4000A	NA8-4000H-4000M/4 MO-FX 230VAC	262775
Withdrawable	4P	4000A	4000A	NA8-4000H-4000M/4P MO-WD AC230V	262774
Fixed	3P	4000A	4000A	NA8-4000H-4000S/3 MO-FX 230VAC	530663
Withdrawable	3P	4000A	4000A	NA8-4000H-4000S/3 MO-WD 230VAC	530659
Fixed	4P	4000A	4000A	NA8-4000H-4000S/4 MO-FX 230VAC	530665
Withdrawable	4P	4000A	4000A	NA8-4000H-4000S/4 MO-WD 230VAC	530661

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Power Distribution Components

NA8 SKU

Ordering Code	SKU (English)	Frame size	Category
263697	NA8-7500-OF-N4	7500A	Auxiliary contact
263695	NA8-7500-OF-C04	7500A	
470692	NA8-1600- OF-C04	1600A	
470693	NA8-1600- OF-C06	1600A	
515750	NA8-2500/4000-OF-N4	2500~4000A	
515751	NA8-2500/4000-OF-C04	2500~4000A	
508945	NA8-CEM 200-240Vac/dc	1600~4000A	Closing magnet
508946	NA8-CEM 380-440Vac	1600~4000A	
508940	NA8-SHT 200-240Vac/dc	1600~4000A	Shunt release
508941	NA8-SHT 380-440Vac	1600~4000A	
263690	NA8-7500-ST-220VAC/DC	7500A	
263691	NA8-7500-ST-400VAC	7500A	
449973	NA8-1600-ILK2	1600A	Draw-out type wire rope mechanical interlock
259204	NA8-2500~7500-ILK2	2500~7500A	
263700	NA8-2500~7500-ILK3	2500~7500A	
449974	NA8-1600-ILK2F	1600A	Fixed wire rope mechanical interlock
263699	NA8-2500~4000-ILK2F	2500~4000A	
263701	NA8-2500~4000-ILK3F	2500~4000A	
524726	NA8-1600-KL-1S1S	All	Key lock
470695	NA8-1600-KL-2S1S	All	
470696	NA8-1600-KL-3S2S	All	
263757	NA8-2500~7500-KL-1S1S	2500~7500A	
263758	NA8-2500~7500-KL-2S1S	2500~7500A	
263759	NA8-2500~7500-KL-3S2S	2500~7500A	

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Power Distribution Components

2.1.2 NA1



General Description

NA1 series air circuit breaker is suitable for the circuit of AC 50Hz/60Hz with rated service voltage 400V, 690V and rated service current up to 6300A. It is mainly used to distribute electric energy and protect circuits and electric equipment against over-load, under-voltage, short-circuit and single-phase earth fault protection.

- Frame size (A): 1000, 2000, 3200, 4000, 6300
- Breaking capacity: X, XN, XH, XQ
- Rated operational voltage Ue (VAC): 380/400/415,690
- Number of poles: 3P, 4P
- Installation method: draw-out type, fixed type

NA1	2000	X	1600	M	3	MO	FX	AC220V
Product Series	Frame Current	Breaking Capacity	Rated Current	Controller	Number of poles	Operation Method	Installation Method	Secondary Voltage
NA1	1000	X	200 400 630 800 1000 1250 1600 2000 2500 3200 4000 5000 6300	M:Basic Type	3:3P	MO:Motorised Type	FX:Fixed	AC110V
	2000	XN		H:Advanced Type	4:4P	MN: Manual Operated Type	WD:Withdrawable	AC220V
	3200	XH						AC380V
	4000	XQ						AC415V
	6300							DC110V
								AC220V

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Power Distribution Components

NA1 SKU

Installation Method	Poles	Frame Size	Rated Current	SKU	Ordering Code
Withdrawable	3P	1000A	1000A	NA1-1000X-1000H/3P MO-WD AC220/230	102216
Withdrawable	3P	1000A	1000A	NA1-1000X-1000H/3P MO-WD AC220/230-3P+N	449428
Fixed	4P	1000A	1000A	NA1-1000X-1000H/4P MN-FX AC220/230	102120
Fixed	4P	1000A	1000A	NA1-1000X-1000H/4P MN-FX AC220/230(RF)	437694
Withdrawable	4P	1000A	1000A	NA1-1000X-1000H/4P MN-WD AC220/230V	390939
Fixed	4P	1000A	1000A	NA1-1000X-1000H/4P MO-FX AC220/230	438658
Fixed	4P	1000A	1000A	NA1-1000X-1000H/4P MO-FX AC220/230 TP	438657
Withdrawable	4P	1000A	1000A	NA1-1000X-1000H/4P MO-WD AC220/230(RF)	437693
Withdrawable	3P	1000A	630A	NA1-1000X-630H/3P MO-WD AC220/230	885263
Fixed	4P	1000A	630A	NA1-1000X-630H/4P MN-FX AC220/230	885258
Fixed	4P	1000A	630A	NA1-1000X-630H/4P MO-FX AC220/230	885257
Withdrawable	3P	1000A	800A	NA1-1000X-800H/3P MO-WD AC220/230	102186
Withdrawable	4P	1000A	800A	NA1-1000X-800H/4P MN-WD AC220/230(RF)	346876
Withdrawable	4P	1000A	800A	NA1-1000X-800H/4P MO-WD AC220/230(RF)	346875
Fixed	3P	2000A	1000A	NA1-2000XH-1000H/3P MN-FX AC220/230 TP	338920
Withdrawable	3P	2000A	1000A	NA1-2000XH-1000H/3P MN-WD AC220/230 TP	338916
Fixed	3P	2000A	1000A	NA1-2000XH-1000H/3P MO-FX AC220/230 TP	338912
Withdrawable	3P	2000A	1000A	NA1-2000XH-1000H/3P MO-WD AC220/230 TP	338910
Fixed	4P	2000A	1000A	NA1-2000XH-1000H/4P MN-FX AC220/230 TP	338928
Withdrawable	4P	2000A	1000A	NA1-2000XH-1000H/4P MN-WD AC220/230 TP	338926
Fixed	4P	2000A	1000A	NA1-2000XH-1000H/4P MO-FX AC220/230 TP	338921
Withdrawable	4P	2000A	1000A	NA1-2000XH-1000H/4P MO-WD AC220/230 TP	338918
Fixed	3P	2000A	1250A	NA1-2000XH-1250H/3P MN-FX AC220/230 TP	338938
Withdrawable	3P	2000A	1250A	NA1-2000XH-1250H/3P MN-WD AC220/230 TP	338936
Fixed	3P	2000A	1250A	NA1-2000XH-1250H/3P MO-FX AC220/230 TP	338932
Withdrawable	3P	2000A	1250A	NA1-2000XH-1250H/3P MO-WD AC220/230	353733
Withdrawable	3P	2000A	1250A	NA1-2000XH-1250H/3P MO-WD AC220/230 TP	338930
Fixed	4P	2000A	1250A	NA1-2000XH-1250H/4P MN-FX AC220/230 TP	338948
Withdrawable	4P	2000A	1250A	NA1-2000XH-1250H/4P MN-WD AC220/230 TP	338947
Fixed	4P	2000A	1250A	NA1-2000XH-1250H/4P MO-FX AC220/230 TP	338942
Withdrawable	4P	2000A	1250A	NA1-2000XH-1250H/4P MO-WD AC220/230 TP	338940
Fixed	3P	2000A	1600A	NA1-2000XH-1600H/3P MN-FX AC220/230 TP	338958
Withdrawable	3P	2000A	1600A	NA1-2000XH-1600H/3P MN-WD AC220/230 TP	338954
Fixed	3P	2000A	1600A	NA1-2000XH-1600H/3P MO-FX AC220/230 TP	338950
Withdrawable	3P	2000A	1600A	NA1-2000XH-1600H/3P MO-WD AC220/230	353729
Withdrawable	3P	2000A	1600A	NA1-2000XH-1600H/3P MO-WD AC220/230 TP	338951
Fixed	4P	2000A	1600A	NA1-2000XH-1600H/4P MN-FX AC220/230 TP	338969
Withdrawable	4P	2000A	1600A	NA1-2000XH-1600H/4P MN-WD AC220/230 TP	338967
Fixed	4P	2000A	1600A	NA1-2000XH-1600H/4P MO-FX AC220/230 TP	338961

2.0 Power Distribution Components

NA1 SKU

Installation Method	Poles	Frame Size	Rated Current	SKU	Ordering Code
Withdrawable	4P	2000A	1600A	NA1-2000XH-1600H/4P MO-WD AC220/230 TP	338962
Fixed	3P	2000A	2000A	NA1-2000XH-2000H/3P MN-FX AC220/230 TP	338978
Withdrawable	3P	2000A	2000A	NA1-2000XH-2000H/3P MN-WD AC220/230 TP	338976
Fixed	3P	2000A	2000A	NA1-2000XH-2000H/3P MO-FX AC220/230 TP	338971
Withdrawable	3P	2000A	2000A	NA1-2000XH-2000H/3P MO-WD AC220/230	353728
Withdrawable	3P	2000A	2000A	NA1-2000XH-2000H/3P MO-WD AC220/230 TP	338970
Fixed	4P	2000A	2000A	NA1-2000XH-2000H/4P MN-FX AC220/230 TP	338989
Withdrawable	4P	2000A	2000A	NA1-2000XH-2000H/4P MN-WD AC220/230 TP	338985
Fixed	4P	2000A	2000A	NA1-2000XH-2000H/4P MO-FX AC220/230 TP	338982
Withdrawable	4P	2000A	2000A	NA1-2000XH-2000H/4P MO-WD AC220/230 TP	338980
Fixed	3P	2000A	630A	NA1-2000XH-630H/3P MN-FX AC220/230 TP	338996
Withdrawable	3P	2000A	630A	NA1-2000XH-630H/3P MN-WD AC220/230 TP	338997
Fixed	3P	2000A	630A	NA1-2000XH-630H/3P MO-FX AC220/230 TP	338992
Withdrawable	3P	2000A	630A	NA1-2000XH-630H/3P MO-WD AC220/230 TP	338990
Fixed	4P	2000A	630A	NA1-2000XH-630H/4P MN-FX AC220/230 TP	339035
Withdrawable	4P	2000A	630A	NA1-2000XH-630H/4P MN-WD AC220/230 TP	339033
Fixed	4P	2000A	630A	NA1-2000XH-630H/4P MO-FX AC220/230 TP	339029
Withdrawable	4P	2000A	630A	NA1-2000XH-630H/4P MO-WD AC220/230 TP	339027
Fixed	3P	2000A	800A	NA1-2000XH-800H/3P MN-FX AC220/230 TP	339045
Withdrawable	3P	2000A	800A	NA1-2000XH-800H/3P MN-WD AC220/230 TP	339044
Fixed	3P	2000A	800A	NA1-2000XH-800H/3P MO-FX AC220/230 TP	339039
Withdrawable	3P	2000A	800A	NA1-2000XH-800H/3P MO-WD AC220/230 TP	339037
Fixed	4P	2000A	800A	NA1-2000XH-800H/4P MN-FX AC220/230 TP	339054
Withdrawable	4P	2000A	800A	NA1-2000XH-800H/4P MN-WD AC220/230 TP	339053
Fixed	4P	2000A	800A	NA1-2000XH-800H/4P MO-FX AC220/230 TP	339049
Withdrawable	4P	2000A	800A	NA1-2000XH-800H/4P MO-WD AC220/230 TP	339046
Withdrawable	3P	2000A	1600A	NA1-2000XN-1600H/3P MN-WD AC220/230 TP	937462
Withdrawable	3P	2000A	1600A	NA1-2000XN-1600H/3P MO-WD AC220/230 TP	937461
Fixed	3P	2000A	1000A	NA1-2000XQ-1000H/3P MN-FX AC220/230	453952
Fixed	3P	2000A	1000A	NA1-2000XQ-1000H/3P MN-FX AC220/230-3P+N	454007
Fixed	3P	2000A	1000A	NA1-2000XQ-1000H/3P MN-FX AC220/230-3P+NTP	454151
Fixed	3P	2000A	1000A	NA1-2000XQ-1000H/3P MN-FX AC220/230TP	454103
Withdrawable	3P	2000A	1000A	NA1-2000XQ-1000H/3P MN-WD AC220/230	453951
Withdrawable	3P	2000A	1000A	NA1-2000XQ-1000H/3P MN-WD AC220/230-3P+N	453999
Withdrawable	3P	2000A	1000A	NA1-2000XQ-1000H/3P MN-WD AC220/230-3P+NTP	454150
Withdrawable	3P	2000A	1000A	NA1-2000XQ-1000H/3P MN-WD AC220/230TP	454102
Fixed	3P	2000A	1000A	NA1-2000XQ-1000H/3P MO-FX AC220/230	453950
Fixed	3P	2000A	1000A	NA1-2000XQ-1000H/3P MO-FX AC220/230-3P+N	453998
Fixed	3P	2000A	1000A	NA1-2000XQ-1000H/3P MO-FX AC220/230-3P+NTP	454149

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Power Distribution Components

NA1 SKU

Installation Method	Poles	Frame Size	Rated Current	SKU	Ordering Code
Fixed	3P	2000A	1000A	NA1-2000XQ-1000H/3P MO-FX AC220/230TP	454101
Withdrawable	3P	2000A	1000A	NA1-2000XQ-1000H/3P MO-WD AC220/230	453949
Withdrawable	3P	2000A	1000A	NA1-2000XQ-1000H/3P MO-WD AC220/230-3P+N	453997
Withdrawable	3P	2000A	1000A	NA1-2000XQ-1000H/3P MO-WD AC220/230-3P+NTP	454148
Withdrawable	3P	2000A	1000A	NA1-2000XQ-1000H/3P MO-WD AC220/230TP	454100
Fixed	4P	2000A	1000A	NA1-2000XQ-1000H/4P MN-FX AC220/230	454055
Fixed	4P	2000A	1000A	NA1-2000XQ-1000H/4P MN-FX AC220/230TP	454199
Withdrawable	4P	2000A	1000A	NA1-2000XQ-1000H/4P MN-WD AC220/230	454054
Withdrawable	4P	2000A	1000A	NA1-2000XQ-1000H/4P MN-WD AC220/230TP	454198
Fixed	4P	2000A	1000A	NA1-2000XQ-1000H/4P MO-FX AC220/230	454053
Fixed	4P	2000A	1000A	NA1-2000XQ-1000H/4P MO-FX AC220/230TP	454197
Withdrawable	4P	2000A	1000A	NA1-2000XQ-1000H/4P MO-WD AC220/230	454052
Withdrawable	4P	2000A	1000A	NA1-2000XQ-1000H/4P MO-WD AC220/230TP	454196
Fixed	3P	2000A	1250A	NA1-2000XQ-1250H/3P MN-FX AC220/230	453960
Fixed	3P	2000A	1250A	NA1-2000XQ-1250H/3P MN-FX AC220/230-3P+N	454015
Fixed	3P	2000A	1250A	NA1-2000XQ-1250H/3P MN-FX AC220/230-3P+NTP	454159
Fixed	3P	2000A	1250A	NA1-2000XQ-1250H/3P MN-FX AC220/230TP	454111
Withdrawable	3P	2000A	1250A	NA1-2000XQ-1250H/3P MN-WD AC220/230	453959
Withdrawable	3P	2000A	1250A	NA1-2000XQ-1250H/3P MN-WD AC220/230-3P+N	454014
Withdrawable	3P	2000A	1250A	NA1-2000XQ-1250H/3P MN-WD AC220/230-3P+NTP	454158
Withdrawable	3P	2000A	1250A	NA1-2000XQ-1250H/3P MN-WD AC220/230TP	454110
Fixed	3P	2000A	1250A	NA1-2000XQ-1250H/3P MO-FX AC220/230	453958
Fixed	3P	2000A	1250A	NA1-2000XQ-1250H/3P MO-FX AC220/230-3P+N	454013
Fixed	3P	2000A	1250A	NA1-2000XQ-1250H/3P MO-FX AC220/230-3P+NTP	454157
Fixed	3P	2000A	1250A	NA1-2000XQ-1250H/3P MO-FX AC220/230TP	454109
Withdrawable	3P	2000A	1250A	NA1-2000XQ-1250H/3P MO-WD AC220/230	453957
Withdrawable	3P	2000A	1250A	NA1-2000XQ-1250H/3P MO-WD AC220/230-3P+N	454012
Withdrawable	3P	2000A	1250A	NA1-2000XQ-1250H/3P MO-WD AC220/230-3P+NTP	454156
Withdrawable	3P	2000A	1250A	NA1-2000XQ-1250H/3P MO-WD AC220/230TP	454108
Fixed	4P	2000A	1250A	NA1-2000XQ-1250H/4P MN-FX AC220/230	454063
Fixed	4P	2000A	1250A	NA1-2000XQ-1250H/4P MN-FX AC220/230TP	454207
Withdrawable	4P	2000A	1250A	NA1-2000XQ-1250H/4P MN-WD AC220/230	454062
Withdrawable	4P	2000A	1250A	NA1-2000XQ-1250H/4P MN-WD AC220/230TP	454206
Fixed	4P	2000A	1250A	NA1-2000XQ-1250H/4P MO-FX AC220/230	454061
Fixed	4P	2000A	1250A	NA1-2000XQ-1250H/4P MO-FX AC220/230TP	454205
Withdrawable	4P	2000A	1250A	NA1-2000XQ-1250H/4P MO-WD AC220/230	454060
Withdrawable	4P	2000A	1250A	NA1-2000XQ-1250H/4P MO-WD AC220/230TP	454204
Fixed	3P	2000A	1600A	NA1-2000XQ-1600H/3P MN-FX AC220/230	453968
Fixed	3P	2000A	1600A	NA1-2000XQ-1600H/3P MN-FX AC220/230-3P+N	454023

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Power Distribution Components

NA1 SKU

Installation Method	Poles	Frame Size	Rated Current	SKU	Ordering Code
Fixed	3P	2000A	1600A	NA1-2000XQ-1600H/3P MN-FX AC220/230-3P+NTP	454167
Fixed	3P	2000A	1600A	NA1-2000XQ-1600H/3P MN-FX AC220/230TP	454119
Withdrawable	3P	2000A	1600A	NA1-2000XQ-1600H/3P MN-WD AC220/230	453967
Withdrawable	3P	2000A	1600A	NA1-2000XQ-1600H/3P MN-WD AC220/230-3P+N	454022
Withdrawable	3P	2000A	1600A	NA1-2000XQ-1600H/3P MN-WD AC220/230-3P+NTP	454166
Withdrawable	3P	2000A	1600A	NA1-2000XQ-1600H/3P MN-WD AC220/230TP	454118
Fixed	3P	2000A	1600A	NA1-2000XQ-1600H/3P MO-FX AC220/230	453966
Fixed	3P	2000A	1600A	NA1-2000XQ-1600H/3P MO-FX AC220/230-3P+N	454021
Fixed	3P	2000A	1600A	NA1-2000XQ-1600H/3P MO-FX AC220/230-3P+NTP	454165
Fixed	3P	2000A	1600A	NA1-2000XQ-1600H/3P MO-FX AC220/230TP	454117
Withdrawable	3P	2000A	1600A	NA1-2000XQ-1600H/3P MO-WD AC220/230	453965
Withdrawable	3P	2000A	1600A	NA1-2000XQ-1600H/3P MO-WD AC220/230-3P+N	454020
Withdrawable	3P	2000A	1600A	NA1-2000XQ-1600H/3P MO-WD AC220/230-3P+NTP	454164
Withdrawable	3P	2000A	1600A	NA1-2000XQ-1600H/3P MO-WD AC220/230TP	454116
Fixed	4P	2000A	1600A	NA1-2000XQ-1600H/4P MN-FX AC220/230	454071
Fixed	4P	2000A	1600A	NA1-2000XQ-1600H/4P MN-FX AC220/230TP	454215
Withdrawable	4P	2000A	1600A	NA1-2000XQ-1600H/4P MN-WD AC220/230	454070
Withdrawable	4P	2000A	1600A	NA1-2000XQ-1600H/4P MN-WD AC220/230TP	454214
Fixed	4P	2000A	1600A	NA1-2000XQ-1600H/4P MO-FX AC220/230	454069
Fixed	4P	2000A	1600A	NA1-2000XQ-1600H/4P MO-FX AC220/230TP	454213
Withdrawable	4P	2000A	1600A	NA1-2000XQ-1600H/4P MO-WD AC220/230	454068
Withdrawable	4P	2000A	1600A	NA1-2000XQ-1600H/4P MO-WD AC220/230TP	454212
Fixed	3P	2000A	2000A	NA1-2000XQ-2000H/3P MN-FX AC220/230	453976
Fixed	3P	2000A	2000A	NA1-2000XQ-2000H/3P MN-FX AC220/230-3P+N	454031
Fixed	3P	2000A	2000A	NA1-2000XQ-2000H/3P MN-FX AC220/230-3P+NTP	454175
Fixed	3P	2000A	2000A	NA1-2000XQ-2000H/3P MN-FX AC220/230TP	454127
Withdrawable	3P	2000A	2000A	NA1-2000XQ-2000H/3P MN-WD AC220/230	453975
Withdrawable	3P	2000A	2000A	NA1-2000XQ-2000H/3P MN-WD AC220/230-3P+N	454030
Withdrawable	3P	2000A	2000A	NA1-2000XQ-2000H/3P MN-WD AC220/230-3P+NTP	454174
Withdrawable	3P	2000A	2000A	NA1-2000XQ-2000H/3P MN-WD AC220/230TP	454126
Fixed	3P	2000A	2000A	NA1-2000XQ-2000H/3P MO-FX AC220/230	453974
Fixed	3P	2000A	2000A	NA1-2000XQ-2000H/3P MO-FX AC220/230-3P+N	454029
Fixed	3P	2000A	2000A	NA1-2000XQ-2000H/3P MO-FX AC220/230-3P+NTP	454173
Fixed	3P	2000A	2000A	NA1-2000XQ-2000H/3P MO-FX AC220/230TP	454125
Withdrawable	3P	2000A	2000A	NA1-2000XQ-2000H/3P MO-WD AC220/230	453973
Withdrawable	3P	2000A	2000A	NA1-2000XQ-2000H/3P MO-WD AC220/230-3P+N	454028
Withdrawable	3P	2000A	2000A	NA1-2000XQ-2000H/3P MO-WD AC220/230-3P+NTP	454172
Withdrawable	3P	2000A	2000A	NA1-2000XQ-2000H/3P MO-WD AC220/230TP	454124
Fixed	4P	2000A	2000A	NA1-2000XQ-2000H/4P MN-FX AC220/230	454079

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Power Distribution Components

NA1 SKU

Installation Method	Poles	Frame Size	Rated Current	SKU	Ordering Code
Fixed	4P	2000A	2000A	NA1-2000XQ-2000H/4P MN-FX AC220/230TP	454223
Withdrawable	4P	2000A	2000A	NA1-2000XQ-2000H/4P MN-WD AC220/230	454078
Withdrawable	4P	2000A	2000A	NA1-2000XQ-2000H/4P MN-WD AC220/230TP	454222
Fixed	4P	2000A	2000A	NA1-2000XQ-2000H/4P MO-FX AC220/230	454077
Fixed	4P	2000A	2000A	NA1-2000XQ-2000H/4P MO-FX AC220/230TP	454221
Withdrawable	4P	2000A	2000A	NA1-2000XQ-2000H/4P MO-WD AC220/230	454076
Withdrawable	4P	2000A	2000A	NA1-2000XQ-2000H/4P MO-WD AC220/230TP	454220
Fixed	3P	2000A	630A	NA1-2000XQ-630H/3P MN-FX AC220/230	453936
Fixed	3P	2000A	630A	NA1-2000XQ-630H/3P MN-FX AC220/230-3P+N	453984
Fixed	3P	2000A	630A	NA1-2000XQ-630H/3P MN-FX AC220/230-3P+NTP	454135
Fixed	3P	2000A	630A	NA1-2000XQ-630H/3P MN-FX AC220/230TP	454087
Withdrawable	3P	2000A	630A	NA1-2000XQ-630H/3P MN-WD AC220/230	453935
Withdrawable	3P	2000A	630A	NA1-2000XQ-630H/3P MN-WD AC220/230-3P+N	453983
Withdrawable	3P	2000A	630A	NA1-2000XQ-630H/3P MN-WD AC220/230-3P+NTP	454134
Withdrawable	3P	2000A	630A	NA1-2000XQ-630H/3P MN-WD AC220/230TP	454086
Fixed	3P	2000A	630A	NA1-2000XQ-630H/3P MO-FX AC220/230	453934
Fixed	3P	2000A	630A	NA1-2000XQ-630H/3P MO-FX AC220/230-3P+N	453982
Fixed	3P	2000A	630A	NA1-2000XQ-630H/3P MO-FX AC220/230-3P+NTP	454133
Fixed	3P	2000A	630A	NA1-2000XQ-630H/3P MO-FX AC220/230TP	454085
Withdrawable	3P	2000A	630A	NA1-2000XQ-630H/3P MO-WD AC220/230	453933
Withdrawable	3P	2000A	630A	NA1-2000XQ-630H/3P MO-WD AC220/230-3P+N	453981
Withdrawable	3P	2000A	630A	NA1-2000XQ-630H/3P MO-WD AC220/230-3P+NTP	454132
Withdrawable	3P	2000A	630A	NA1-2000XQ-630H/3P MO-WD AC220/230TP	454084
Fixed	4P	2000A	630A	NA1-2000XQ-630H/4P MN-FX AC220/230	454039
Fixed	4P	2000A	630A	NA1-2000XQ-630H/4P MN-FX AC220/230TP	454183
Withdrawable	4P	2000A	630A	NA1-2000XQ-630H/4P MN-WD AC220/230	454038
Withdrawable	4P	2000A	630A	NA1-2000XQ-630H/4P MN-WD AC220/230TP	454182
Fixed	4P	2000A	630A	NA1-2000XQ-630H/4P MO-FX AC220/230	454037
Fixed	4P	2000A	630A	NA1-2000XQ-630H/4P MO-FX AC220/230TP	454181
Withdrawable	4P	2000A	630A	NA1-2000XQ-630H/4P MO-WD AC220/230	454036
Withdrawable	4P	2000A	630A	NA1-2000XQ-630H/4P MO-WD AC220/230TP	454180
Fixed	3P	2000A	800A	NA1-2000XQ-800H/3P MN-FX AC220/230	453944
Fixed	3P	2000A	800A	NA1-2000XQ-800H/3P MN-FX AC220/230-3P+N	453992
Fixed	3P	2000A	800A	NA1-2000XQ-800H/3P MN-FX AC220/230-3P+NTP	454143
Fixed	3P	2000A	800A	NA1-2000XQ-800H/3P MN-FX AC220/230TP	454095
Withdrawable	3P	2000A	800A	NA1-2000XQ-800H/3P MN-WD AC220/230	453943
Withdrawable	3P	2000A	800A	NA1-2000XQ-800H/3P MN-WD AC220/230-3P+N	453991
Withdrawable	3P	2000A	800A	NA1-2000XQ-800H/3P MN-WD AC220/230-3P+NTP	454142
Withdrawable	3P	2000A	800A	NA1-2000XQ-800H/3P MN-WD AC220/230TP	454094

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Power Distribution Components

NA1 SKU

Installation Method	Poles	Frame Size	Rated Current	SKU	Ordering Code
Fixed	3P	2000A	800A	NA1-2000XQ-800H/3P MO-FX AC220/230	453942
Fixed	3P	2000A	800A	NA1-2000XQ-800H/3P MO-FX AC220/230-3P+N	453990
Fixed	3P	2000A	800A	NA1-2000XQ-800H/3P MO-FX AC220/230-3P+NTP	454141
Fixed	3P	2000A	800A	NA1-2000XQ-800H/3P MO-FX AC220/230TP	454093
Withdrawable	3P	2000A	800A	NA1-2000XQ-800H/3P MO-WD AC220/230	453941
Withdrawable	3P	2000A	800A	NA1-2000XQ-800H/3P MO-WD AC220/230-3P+N	453989
Withdrawable	3P	2000A	800A	NA1-2000XQ-800H/3P MO-WD AC220/230-3P+NTP	454140
Withdrawable	3P	2000A	800A	NA1-2000XQ-800H/3P MO-WD AC220/230TP	454092
Fixed	4P	2000A	800A	NA1-2000XQ-800H/4P MN-FX AC220/230	454047
Fixed	4P	2000A	800A	NA1-2000XQ-800H/4P MN-FX AC220/230TP	454191
Withdrawable	4P	2000A	800A	NA1-2000XQ-800H/4P MN-WD AC220/230	454046
Withdrawable	4P	2000A	800A	NA1-2000XQ-800H/4P MN-WD AC220/230TP	454190
Fixed	4P	2000A	800A	NA1-2000XQ-800H/4P MO-FX AC220/230	454045
Fixed	4P	2000A	800A	NA1-2000XQ-800H/4P MO-FX AC220/230TP	454189
Withdrawable	4P	2000A	800A	NA1-2000XQ-800H/4P MO-WD AC220/230	454044
Withdrawable	4P	2000A	800A	NA1-2000XQ-800H/4P MO-WD AC220/230TP	454188
Fixed	3P	4000A	4000A	NA1-4000X-4000H/3P MN-FX AC220/230	101871
Withdrawable	3P	4000A	4000A	NA1-4000X-4000H/3P MO-WD AC220/230	102073
Withdrawable	3P	4000A	4000A	NA1-4000X-4000H/3P MO-WD AC220/230 TP	267652
Withdrawable	3P	4000A	4000A	NA1-4000X-4000H/3P MO-WD AC220/230-3P+N	448080
Withdrawable	3P	6300A	4000A	NA1-6300X-4000-3M/3 MO-WD AC220/230 TP	263670
Withdrawable	4P	6300A	4000A	NA1-6300X-4000-3M/4 MO-WD AC220/230 TP	263671
Withdrawable	3P	6300A	4000A	NA1-6300X-4000H/3P MO-WD AC220/230	448084
Withdrawable	3P	6300A	4000A	NA1-6300X-4000H/3P MO-WD AC220/230 TP	140659
Withdrawable	3P	6300A	4000A	NA1-6300X-4000H/3P MO-WD AC220/230-3P+N	448081
Withdrawable	4P	6300A	4000A	NA1-6300X-4000H/4P MO-WD AC220/230	102024
Withdrawable	4P	6300A	4000A	NA1-6300X-4000H/4P MO-WD AC220/230 TP	140660
Withdrawable	3P	6300A	5000A	NA1-6300X-5000-3M/3 MO-WD AC220/230 TP	263668
Withdrawable	4P	6300A	5000A	NA1-6300X-5000-3M/4 MO-WD AC220/230 TP	263669
Withdrawable	3P	6300A	5000A	NA1-6300X-5000H/3P MO-WD AC220/230	102175
Withdrawable	3P	6300A	5000A	NA1-6300X-5000H/3P MO-WD AC220/230 TP	140661
Withdrawable	3P	6300A	5000A	NA1-6300X-5000H/3P MO-WD AC220/230-3P+N	448082
Withdrawable	3P	6300A	6300A	NA1-6300X-6300H/3P MO-WD AC220/230	101265
Withdrawable	3P	6300A	6300A	NA1-6300X-6300H/3P MO-WD AC220/230 TP	372634
Withdrawable	3P	6300A	6300A	NA1-6300X-6300H/3P MO-WD AC220/230-3P+N	448083
Withdrawable	3P	6300A	5000A	NA1-6300XN-5000H/3P MO-WD AC220/230	353730

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Power Distribution Components

NA1 SKU

Ordering Code	SKU (English)	Frame Size	Category
102695	NA1-1000 OF-N6	1000A	Auxiliary contact
176829	NA1-2000~6300 OF-CO4	2000A~6300A	
885995	NA1-1000 ASUVT AC220/230V	1000A	Undervoltage release
102848	NA1-2000-6300 ASUVT AC220/230(R)	2000~6300A	
263454	NA1-2000~6300PULSE-CC AC220~AC240	2000~6300A	Closed electromagnet
885993	NA1-1000 CC AC220V	1000A	
102833	NA1-2000-6300 CC AC220~230	2000~6300A	
885998	NA1-1000 ST AC230V	1000A	Shunt Release
102840	NA1-2000~6300 ST AC220/230V	2000~6300A	
263448	NA1-2000~6300PULSE-ST AC220~AC240	2000~6300A	
937623	NA1-1000KL-1S1S	1000A	Key lock
522543	NA1-1000KL-2S1S	1000A	
522544	NA1-1000KL-3S2S	1000A	
102804	NA1-2000~6300 1S1S	2000~6300A	
522547	NA1-2000~6300 2S1S	2000~6300A	
522548	NA1-2000~6300 3S2S	2000~6300A	
102790	NA1-1000 ILK2	1000A	Mechanical interlock
102685	NA1-1000 FX plate for ILK2	1000A	
901999	NA1-2000~6300 ILK2	2000~6300A	
957911	NXA-20~63 FX plate for ILK	2000A~6300A	
102675	MI-3	2000A~6300A	

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Power Distribution Components

2.1.3 NXA



General Description

The CHINT NXA Air Circuit Breaker is a high-performance electrical protection device designed for a wide range of applications. This innovative product combines advanced technology with robust design to ensure reliable and efficient operation in various electrical environments.

- Frame size (A): 1600, 2000, 3200, 4000
- Breaking capacity: N, S, H
- Rated operational voltage Ue (VAC): 380/400/415
- Number of poles: 3P, 4P
- Installation method: draw-out type, fixed type
- Wiring type: horizontal rear connection

NXA	16	N	04	-	M	D	3	-	AC230	M
Code of Product	Code of frame size	Code of breaking capacity	Code of rated current		Code of intelligent controller	Code of installation method	Code of number of poles		Code of control circuit voltage	Code of operation mode
	16:1600A (04-16)	N: basic type	04-400A		M: basic type	D: draw-out type	3: 3 poles		AC 230: AC 230V	No code: motor operation
	20:2000A (06-20)	S: standard type	06-630A		A: current type	F: fixed type	4: 4 poles		AC 400: AC 400V	M: manual operation
	32:3200A (16-32)	H: advanced type	08-800A		P: power type				DC 110: DC 110V	
	40:4000A (32-40)		10-1000A		H: harmonic type				DC 220: DC 220V	
	63:6300A (40-63)		12-1250A							
			16-1600A							
			20-2000A							
			25-2500A							
			32-3200A							
			36-3600A							
			40-4000A							
			50-5000A							
			63-6300A							

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Power Distribution Components

NXA SKU

Installation Method	Poles	Frame Size	Rated Current	SKU	Ordering Code
Withdrawable	3P	1600A	630A	NXA16H06-HD3-AC220/230/240MTP	210975
Withdrawable	3P	1600A	630A	NXA16H06-HD3-AC220/230/240TP	210974
Withdrawable	4P	1600A	630A	NXA16H06-HD4-AC220/230/240MTP	210983
Withdrawable	4P	1600A	630A	NXA16H06-HD4-AC220/230/240TP	210982
Fixed	3P	1600A	630A	NXA16H06-HF3-AC220/230/240MTP	210991
Fixed	3P	1600A	630A	NXA16H06-HF3-AC220/230/240TP	210990
Fixed	4P	1600A	630A	NXA16H06-HF4-AC220/230/240MTP	210999
Fixed	4P	1600A	630A	NXA16H06-HF4-AC220/230/240TP	210998
Withdrawable	3P	1600A	630A	NXA16H06-MD3-AC220/230/240M-3P+N TP	267633
Withdrawable	3P	1600A	630A	NXA16H06-MD3-AC220/230/240MTP	942438
Withdrawable	3P	1600A	630A	NXA16H06-MD3-AC220/230/240TP	940012
Withdrawable	4P	1600A	630A	NXA16H06-MD4-AC220/230/240MTP	942440
Withdrawable	4P	1600A	630A	NXA16H06-MD4-AC220/230/240TP	940014
Fixed	3P	1600A	630A	NXA16H06-MF3-AC220/230/240MTP	942439
Fixed	3P	1600A	630A	NXA16H06-MF3-AC220/230/240TP	940013
Fixed	4P	1600A	630A	NXA16H06-MF4-AC220/230/240MTP	942441
Fixed	4P	1600A	630A	NXA16H06-MF4-AC220/230/240TP	940015
Withdrawable	3P	1600A	800A	NXA16H08-HD3-AC220/230/240MTP	211059
Withdrawable	3P	1600A	800A	NXA16H08-HD3-AC220/230/240TP	211058
Withdrawable	4P	1600A	800A	NXA16H08-HD4-AC220/230/240MTP	211067
Withdrawable	4P	1600A	800A	NXA16H08-HD4-AC220/230/240TP	211066
Fixed	3P	1600A	800A	NXA16H08-HF3-AC220/230/240MTP	211075
Fixed	3P	1600A	800A	NXA16H08-HF3-AC220/230/240TP	211074
Fixed	4P	1600A	800A	NXA16H08-HF4-AC220/230/240MTP	211083
Fixed	4P	1600A	800A	NXA16H08-HF4-AC220/230/240TP	211082
Withdrawable	3P	1600A	800A	NXA16H08-MD3-AC220/230/240M-3P+N TP	267634
Withdrawable	3P	1600A	800A	NXA16H08-MD3-AC220/230/240MTP	942446
Withdrawable	3P	1600A	800A	NXA16H08-MD3-AC220/230/240TP	940020
Withdrawable	4P	1600A	800A	NXA16H08-MD4-AC220/230/240MTP	942448
Withdrawable	4P	1600A	800A	NXA16H08-MD4-AC220/230/240TP	940022
Fixed	3P	1600A	800A	NXA16H08-MF3-AC220/230/240MTP	942447
Fixed	3P	1600A	800A	NXA16H08-MF3-AC220/230/240TP	940021
Fixed	4P	1600A	800A	NXA16H08-MF4-AC220/230/240MTP	942449
Fixed	4P	1600A	800A	NXA16H08-MF4-AC220/230/240TP	940023
Withdrawable	3P	1600A	1000A	NXA16H10-HD3-AC220/230/240-3P+NTP	392078
Withdrawable	3P	1600A	1000A	NXA16H10-HD3-AC220/230/240MTP	211123
Withdrawable	3P	1600A	1000A	NXA16H10-HD3-AC220/230/240TP	211122
Withdrawable	4P	1600A	1000A	NXA16H10-HD4-AC220/230/240MTP	211131
Withdrawable	4P	1600A	1000A	NXA16H10-HD4-AC220/230/240TP	211130

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Power Distribution Components

NXA SKU

Installation Method	Poles	Frame Size	Rated Current	SKU	Ordering Code
Fixed	3P	1600A	1000A	NXA16H10-HF3-AC220/230/240MTP	211139
Fixed	3P	1600A	1000A	NXA16H10-HF3-AC220/230/240TP	211138
Fixed	4P	1600A	1000A	NXA16H10-HF4-AC220/230/240MTP	211147
Fixed	4P	1600A	1000A	NXA16H10-HF4-AC220/230/240TP	211146
Withdrawable	3P	1600A	1000A	NXA16H10-MD3-AC220/230/240M-3P+N TP	267635
Withdrawable	3P	1600A	1000A	NXA16H10-MD3-AC220/230/240MTP	942454
Withdrawable	3P	1600A	1000A	NXA16H10-MD3-AC220/230/240TP	940028
Withdrawable	4P	1600A	1000A	NXA16H10-MD4-AC220/230/240MTP	942456
Withdrawable	4P	1600A	1000A	NXA16H10-MD4-AC220/230/240TP	940030
Fixed	3P	1600A	1000A	NXA16H10-MF3-AC220/230/240M 3P+NTP	446750
Fixed	3P	1600A	1000A	NXA16H10-MF3-AC220/230/240MTP	942455
Fixed	3P	1600A	1000A	NXA16H10-MF3-AC220/230/240TP	940029
Fixed	4P	1600A	1000A	NXA16H10-MF4-AC220/230/240MTP	942457
Fixed	4P	1600A	1000A	NXA16H10-MF4-AC220/230/240TP	940031
Withdrawable	3P	1600A	1250A	NXA16H12-HD3-AC220/230/240-3P+NTP	392077
Withdrawable	3P	1600A	1250A	NXA16H12-HD3-AC220/230/240MTP	211187
Withdrawable	3P	1600A	1250A	NXA16H12-HD3-AC220/230/240TP	211186
Withdrawable	4P	1600A	1250A	NXA16H12-HD4-AC220/230/240MTP	211195
Withdrawable	4P	1600A	1250A	NXA16H12-HD4-AC220/230/240TP	211194
Fixed	3P	1600A	1250A	NXA16H12-HF3-AC220/230/240MTP	211203
Fixed	3P	1600A	1250A	NXA16H12-HF3-AC220/230/240TP	211202
Fixed	4P	1600A	1250A	NXA16H12-HF4-AC220/230/240MTP	211211
Fixed	4P	1600A	1250A	NXA16H12-HF4-AC220/230/240TP	211210
Withdrawable	3P	1600A	1250A	NXA16H12-MD3-AC220/230/240M-3P+N TP	267636
Withdrawable	3P	1600A	1250A	NXA16H12-MD3-AC220/230/240MTP	942462
Withdrawable	3P	1600A	1250A	NXA16H12-MD3-AC220/230/240TP	940036
Withdrawable	4P	1600A	1250A	NXA16H12-MD4-AC220/230/240MTP	942464
Withdrawable	4P	1600A	1250A	NXA16H12-MD4-AC220/230/240TP	940038
Fixed	3P	1600A	1250A	NXA16H12-MF3-AC220/230/240MTP	942463
Fixed	3P	1600A	1250A	NXA16H12-MF3-AC220/230/240TP	940037
Fixed	4P	1600A	1250A	NXA16H12-MF4-AC220/230/240MTP	942465
Fixed	4P	1600A	1250A	NXA16H12-MF4-AC220/230/240TP	940039
Withdrawable	3P	1600A	1600A	NXA16H16-HD3-AC220/230/240-3P+NTP	392076
Withdrawable	3P	1600A	1600A	NXA16H16-HD3-AC220/230/240MTP	211251
Withdrawable	3P	1600A	1600A	NXA16H16-HD3-AC220/230/240TP	211250
Withdrawable	4P	1600A	1600A	NXA16H16-HD4-AC220/230/240MTP	211259
Withdrawable	4P	1600A	1600A	NXA16H16-HD4-AC220/230/240TP	211258
Fixed	3P	1600A	1600A	NXA16H16-HF3-AC220/230/240MTP	211267
Fixed	3P	1600A	1600A	NXA16H16-HF3-AC220/230/240TP	211266

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Power Distribution Components

NXA SKU

Installation Method	Poles	Frame Size	Rated Current	SKU	Ordering Code
Fixed	4P	1600A	1600A	NXA16H16-HF4-AC220/230/240MTP	211275
Fixed	4P	1600A	1600A	NXA16H16-HF4-AC220/230/240TP	211274
Withdrawable	3P	1600A	1600A	NXA16H16-MD3-AC220/230/240M-3P+N TP	267637
Withdrawable	3P	1600A	1600A	NXA16H16-MD3-AC220/230/240MTP	942470
Withdrawable	3P	1600A	1600A	NXA16H16-MD3-AC220/230/240TP	940044
Withdrawable	4P	1600A	1600A	NXA16H16-MD4-AC220/230/240MTP	942472
Withdrawable	4P	1600A	1600A	NXA16H16-MD4-AC220/230/240TP	940046
Fixed	3P	1600A	1600A	NXA16H16-MF3-AC220/230/240M-3P+NTP	446271
Fixed	3P	1600A	1600A	NXA16H16-MF3-AC220/230/240MTP	942471
Fixed	3P	1600A	1600A	NXA16H16-MF3-AC220/230/240TP	940045
Fixed	4P	1600A	1600A	NXA16H16-MF4-AC220/230/240MTP	942473
Fixed	4P	1600A	1600A	NXA16H16-MF4-AC220/230/240TP	940047
Withdrawable	3P	2000A	630A	NXA20H06-HD3-AC220/230/240MTP	211891
Withdrawable	3P	2000A	630A	NXA20H06-HD3-AC220/230/240TP	211890
Withdrawable	4P	2000A	630A	NXA20H06-HD4-AC220/230/240MTP	211899
Withdrawable	4P	2000A	630A	NXA20H06-HD4-AC220/230/240TP	211898
Fixed	3P	2000A	630A	NXA20H06-HF3-AC220/230/240MTP	211907
Fixed	3P	2000A	630A	NXA20H06-HF3-AC220/230/240TP	211906
Fixed	4P	2000A	630A	NXA20H06-HF4-AC220/230/240MTP	211915
Fixed	4P	2000A	630A	NXA20H06-HF4-AC220/230/240TP	211914
Withdrawable	3P	2000A	630A	NXA20H06-MD3-AC220/230/240-3P+NTP	215914
Withdrawable	3P	2000A	630A	NXA20H06-MD3-AC220/230/240M-3P+NTP	215915
Withdrawable	3P	2000A	630A	NXA20H06-MD3-AC220/230/240MTP	953732
Withdrawable	3P	2000A	630A	NXA20H06-MD3-AC220/230/240TP	953540
Withdrawable	4P	2000A	630A	NXA20H06-MD4-AC220/230/240MTP	953734
Withdrawable	4P	2000A	630A	NXA20H06-MD4-AC220/230/240TP	953542
Fixed	3P	2000A	630A	NXA20H06-MF3-AC220/230/240-3P+NTP	215992
Fixed	3P	2000A	630A	NXA20H06-MF3-AC220/230/240M-3P+NTP	215993
Fixed	3P	2000A	630A	NXA20H06-MF3-AC220/230/240MTP	953733
Fixed	3P	2000A	630A	NXA20H06-MF3-AC220/230/240TP	953541
Fixed	4P	2000A	630A	NXA20H06-MF4-AC220/230/240MTP	953735
Fixed	4P	2000A	630A	NXA20H06-MF4-AC220/230/240TP	953543
Withdrawable	3P	2000A	800A	NXA20H08-HD3-AC220/230/240MTP	211955
Withdrawable	3P	2000A	800A	NXA20H08-HD3-AC220/230/240TP	211954
Withdrawable	4P	2000A	800A	NXA20H08-HD4-AC220/230/240MTP	211963
Withdrawable	4P	2000A	800A	NXA20H08-HD4-AC220/230/240TP	211962
Fixed	3P	2000A	800A	NXA20H08-HF3-AC220/230/240MTP	211971
Fixed	3P	2000A	800A	NXA20H08-HF3-AC220/230/240TP	211970
Fixed	4P	2000A	800A	NXA20H08-HF4-AC220/230/240MTP	211979

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Power Distribution Components

NXA SKU

Installation Method	Poles	Frame Size	Rated Current	SKU	Ordering Code
Fixed	4P	2000A	800A	NXA20H08-HF4-AC220/230/240TP	211978
Withdrawable	3P	2000A	800A	NXA20H08-MD3-AC220/230/240-3P+NTP	215916
Withdrawable	3P	2000A	800A	NXA20H08-MD3-AC220/230/240M-3P+NTP	215917
Withdrawable	3P	2000A	800A	NXA20H08-MD3-AC220/230/240MTP	953740
Withdrawable	3P	2000A	800A	NXA20H08-MD3-AC220/230/240TP	953548
Withdrawable	4P	2000A	800A	NXA20H08-MD4-AC220/230/240MTP	953742
Withdrawable	4P	2000A	800A	NXA20H08-MD4-AC220/230/240TP	953550
Fixed	3P	2000A	800A	NXA20H08-MF3-AC220/230/240-3P+NTP	215994
Fixed	3P	2000A	800A	NXA20H08-MF3-AC220/230/240M-3P+NTP	215995
Fixed	3P	2000A	800A	NXA20H08-MF3-AC220/230/240MTP	953741
Fixed	3P	2000A	800A	NXA20H08-MF3-AC220/230/240TP	953549
Fixed	4P	2000A	800A	NXA20H08-MF4-AC220/230/240MTP	953743
Fixed	4P	2000A	800A	NXA20H08-MF4-AC220/230/240TP	953551
Withdrawable	3P	2000A	1000A	NXA20H10-HD3-AC220/230/240MTP	212023
Withdrawable	3P	2000A	1000A	NXA20H10-HD3-AC220/230/240TP	212022
Withdrawable	4P	2000A	1000A	NXA20H10-HD4-AC220/230/240MTP	212031
Withdrawable	4P	2000A	1000A	NXA20H10-HD4-AC220/230/240TP	212030
Fixed	3P	2000A	1000A	NXA20H10-HF3-AC220/230/240MTP	212039
Fixed	3P	2000A	1000A	NXA20H10-HF3-AC220/230/240TP	212038
Fixed	4P	2000A	1000A	NXA20H10-HF4-AC220/230/240MTP	212047
Fixed	4P	2000A	1000A	NXA20H10-HF4-AC220/230/240TP	212046
Withdrawable	3P	2000A	1000A	NXA20H10-MD3-AC220/230/240-3P+NTP	215918
Withdrawable	3P	2000A	1000A	NXA20H10-MD3-AC220/230/240M-3P+NTP	215919
Withdrawable	3P	2000A	1000A	NXA20H10-MD3-AC220/230/240MTP	953748
Withdrawable	3P	2000A	1000A	NXA20H10-MD3-AC220/230/240TP	953556
Withdrawable	4P	2000A	1000A	NXA20H10-MD4-AC220/230/240MTP	953750
Withdrawable	4P	2000A	1000A	NXA20H10-MD4-AC220/230/240TP	953558
Fixed	3P	2000A	1000A	NXA20H10-MF3-AC220/230/240-3P+NTP	215996
Fixed	3P	2000A	1000A	NXA20H10-MF3-AC220/230/240M-3P+NTP	215997
Fixed	3P	2000A	1000A	NXA20H10-MF3-AC220/230/240MTP	953749
Fixed	3P	2000A	1000A	NXA20H10-MF3-AC220/230/240TP	953557
Fixed	4P	2000A	1000A	NXA20H10-MF4-AC220/230/240MTP	953751
Fixed	4P	2000A	1000A	NXA20H10-MF4-AC220/230/240TP	953559
Withdrawable	3P	2000A	1250A	NXA20H12-HD3-AC220/230/240MTP	212087
Withdrawable	3P	2000A	1250A	NXA20H12-HD3-AC220/230/240TP	212086
Withdrawable	4P	2000A	1250A	NXA20H12-HD4-AC220/230/240MTP	212095
Withdrawable	4P	2000A	1250A	NXA20H12-HD4-AC220/230/240TP	212094
Fixed	3P	2000A	1250A	NXA20H12-HF3-AC220/230/240MTP	212103
Fixed	3P	2000A	1250A	NXA20H12-HF3-AC220/230/240TP	212102

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Power Distribution Components

NXA SKU

Installation Method	Poles	Frame Size	Rated Current	SKU	Ordering Code
Fixed	4P	2000A	1250A	NXA20H12-HF4-AC220/230/240MTP	212111
Fixed	4P	2000A	1250A	NXA20H12-HF4-AC220/230/240TP	212110
Withdrawable	3P	2000A	1250A	NXA20H12-MD3-AC220/230/240-3P+NTP	215920
Withdrawable	3P	2000A	1250A	NXA20H12-MD3-AC220/230/240M-3P+NTP	215921
Withdrawable	3P	2000A	1250A	NXA20H12-MD3-AC220/230/240MTP	953756
Withdrawable	3P	2000A	1250A	NXA20H12-MD3-AC220/230/240TP	953564
Withdrawable	4P	2000A	1250A	NXA20H12-MD4-AC220/230/240MTP	953758
Withdrawable	4P	2000A	1250A	NXA20H12-MD4-AC220/230/240TP	953566
Fixed	3P	2000A	1250A	NXA20H12-MF3-AC220/230/240-3P+NTP	215998
Fixed	3P	2000A	1250A	NXA20H12-MF3-AC220/230/240M-3P+NTP	215999
Fixed	3P	2000A	1250A	NXA20H12-MF3-AC220/230/240MTP	953757
Fixed	3P	2000A	1250A	NXA20H12-MF3-AC220/230/240TP	953565
Fixed	4P	2000A	1250A	NXA20H12-MF4-AC220/230/240MTP	953759
Fixed	4P	2000A	1250A	NXA20H12-MF4-AC220/230/240TP	953567
Withdrawable	3P	2000A	1600A	NXA20H16-HD3-AC220/230/240MTP	212151
Withdrawable	3P	2000A	1600A	NXA20H16-HD3-AC220/230/240TP	212150
Withdrawable	4P	2000A	1600A	NXA20H16-HD4-AC220/230/240MTP	212159
Withdrawable	4P	2000A	1600A	NXA20H16-HD4-AC220/230/240TP	212158
Fixed	3P	2000A	1600A	NXA20H16-HF3-AC220/230/240MTP	212167
Fixed	3P	2000A	1600A	NXA20H16-HF3-AC220/230/240TP	212166
Fixed	4P	2000A	1600A	NXA20H16-HF4-AC220/230/240MTP	212175
Fixed	4P	2000A	1600A	NXA20H16-HF4-AC220/230/240TP	212174
Withdrawable	3P	2000A	1600A	NXA20H16-MD3-AC220/230/240-3P+NTP	215922
Withdrawable	3P	2000A	1600A	NXA20H16-MD3-AC220/230/240M-3P+NTP	215923
Withdrawable	3P	2000A	1600A	NXA20H16-MD3-AC220/230/240MTP	953764
Withdrawable	3P	2000A	1600A	NXA20H16-MD3-AC220/230/240TP	953572
Withdrawable	4P	2000A	1600A	NXA20H16-MD4-AC220/230/240MTP	953766
Withdrawable	4P	2000A	1600A	NXA20H16-MD4-AC220/230/240TP	953574
Fixed	3P	2000A	1600A	NXA20H16-MF3-AC220/230/240-3P+NTP	216070
Fixed	3P	2000A	1600A	NXA20H16-MF3-AC220/230/240M-3P+NTP	216071
Fixed	3P	2000A	1600A	NXA20H16-MF3-AC220/230/240MTP	953765
Fixed	3P	2000A	1600A	NXA20H16-MF3-AC220/230/240TP	953573
Fixed	4P	2000A	1600A	NXA20H16-MF4-AC220/230/240MTP	953767
Fixed	4P	2000A	1600A	NXA20H16-MF4-AC220/230/240TP	953575
Withdrawable	3P	2000A	2000A	NXA20H20-HD3-AC220/230/240MTP	212215
Withdrawable	3P	2000A	2000A	NXA20H20-HD3-AC220/230/240TP	212214
Withdrawable	4P	2000A	2000A	NXA20H20-HD4-AC220/230/240MTP	212223
Withdrawable	4P	2000A	2000A	NXA20H20-HD4-AC220/230/240TP	212222
Fixed	3P	2000A	2000A	NXA20H20-HF3-AC220/230/240MTP	212231

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NXA SKU

Installation Method	Poles	Frame Size	Rated Current	SKU	Ordering Code
Fixed	3P	2000A	2000A	NXA20H20-HF3-AC220/230/240TP	212230
Fixed	4P	2000A	2000A	NXA20H20-HF4-AC220/230/240MTP	212239
Fixed	4P	2000A	2000A	NXA20H20-HF4-AC220/230/240TP	212238
Withdrawable	3P	2000A	2000A	NXA20H20-MD3-AC220/230/240-3P+NTP	215924
Withdrawable	3P	2000A	2000A	NXA20H20-MD3-AC220/230/240M-3P+NTP	215925
Withdrawable	3P	2000A	2000A	NXA20H20-MD3-AC220/230/240MTP	953772
Withdrawable	3P	2000A	2000A	NXA20H20-MD3-AC220/230/240TP	953580
Withdrawable	4P	2000A	2000A	NXA20H20-MD4-AC220/230/240MTP	953774
Withdrawable	4P	2000A	2000A	NXA20H20-MD4-AC220/230/240TP	953582
Fixed	3P	2000A	2000A	NXA20H20-MF3-AC220/230/240-3P+NTP	216072
Fixed	3P	2000A	2000A	NXA20H20-MF3-AC220/230/240M-3P+NTP	216073
Fixed	3P	2000A	2000A	NXA20H20-MF3-AC220/230/240MTP	953773
Fixed	3P	2000A	2000A	NXA20H20-MF3-AC220/230/240TP	953581
Fixed	4P	2000A	2000A	NXA20H20-MF4-AC220/230/240MTP	953775
Fixed	4P	2000A	2000A	NXA20H20-MF4-AC220/230/240TP	953583
Withdrawable	3P	4000A	3200A	NXA40H32-HD3-AC220/230/240MTP	214408
Withdrawable	3P	4000A	3200A	NXA40H32-HD3-AC220/230/240TP	214407
Withdrawable	4P	4000A	3200A	NXA40H32-HD4-AC220/230/240MTP	214416
Withdrawable	4P	4000A	3200A	NXA40H32-HD4-AC220/230/240TP	214415
Fixed	3P	4000A	3200A	NXA40H32-HF3-AC220/230/240MTP	214424
Fixed	3P	4000A	3200A	NXA40H32-HF3-AC220/230/240TP	214423
Fixed	4P	4000A	3200A	NXA40H32-HF4-AC220/230/240MTP	214432
Fixed	4P	4000A	3200A	NXA40H32-HF4-AC220/230/240TP	214431
Withdrawable	3P	4000A	3200A	NXA40H32-MD3-AC220/230/240-3P+NTP	215974
Withdrawable	3P	4000A	3200A	NXA40H32-MD3-AC220/230/240M-3P+NTP	215975
Withdrawable	3P	4000A	3200A	NXA40H32-MD3-AC220/230/240MTP	957208
Withdrawable	3P	4000A	3200A	NXA40H32-MD3-AC220/230/240TP	957125
Withdrawable	4P	4000A	3200A	NXA40H32-MD4-AC220/230/240MTP	957210
Withdrawable	4P	4000A	3200A	NXA40H32-MD4-AC220/230/240TP	957129
Fixed	3P	4000A	3200A	NXA40H32-MF3-AC220/230/240-3P+NTP	216122
Fixed	3P	4000A	3200A	NXA40H32-MF3-AC220/230/240M-3P+NTP	216123
Fixed	3P	4000A	3200A	NXA40H32-MF3-AC220/230/240MTP	957209
Fixed	3P	4000A	3200A	NXA40H32-MF3-AC220/230/240TP	957133
Fixed	4P	4000A	3200A	NXA40H32-MF4-AC220/230/240MTP	957211
Fixed	4P	4000A	3200A	NXA40H32-MF4-AC220/230/240TP	957137
Withdrawable	3P	4000A	3600A	NXA40H36-HD3-AC220/230/240-3P+NTP	392073
Withdrawable	3P	4000A	3600A	NXA40H36-HD3-AC220/230/240MTP	214472
Withdrawable	3P	4000A	3600A	NXA40H36-HD3-AC220/230/240TP	214471
Withdrawable	4P	4000A	3600A	NXA40H36-HD4-AC220/230/240MTP	214480

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Power Distribution Components

NXA SKU

Installation Method	Poles	Frame Size	Rated Current	SKU	Ordering Code
Withdrawable	4P	4000A	3600A	NXA40H36-HD4-AC220/230/240TP	214479
Fixed	3P	4000A	3600A	NXA40H36-HF3-AC220/230/240MTP	214488
Fixed	3P	4000A	3600A	NXA40H36-HF3-AC220/230/240TP	214487
Fixed	4P	4000A	3600A	NXA40H36-HF4-AC220/230/240MTP	214496
Fixed	4P	4000A	3600A	NXA40H36-HF4-AC220/230/240TP	214495
Withdrawable	3P	4000A	3600A	NXA40H36-MD3-AC220/230/240-3P+NTP	215976
Withdrawable	3P	4000A	3600A	NXA40H36-MD3-AC220/230/240M-3P+NTP	215977
Withdrawable	3P	4000A	3600A	NXA40H36-MD3-AC220/230/240MTP	957216
Withdrawable	3P	4000A	3600A	NXA40H36-MD3-AC220/230/240TP	957157
Withdrawable	4P	4000A	3600A	NXA40H36-MD4-AC220/230/240MTP	957218
Withdrawable	4P	4000A	3600A	NXA40H36-MD4-AC220/230/240TP	957161
Fixed	3P	4000A	3600A	NXA40H36-MF3-AC220/230/240-3P+NTP	216124
Fixed	3P	4000A	3600A	NXA40H36-MF3-AC220/230/240M-3P+NTP	216125
Fixed	3P	4000A	3600A	NXA40H36-MF3-AC220/230/240MTP	957217
Fixed	3P	4000A	3600A	NXA40H36-MF3-AC220/230/240TP	957165
Fixed	4P	4000A	3600A	NXA40H36-MF4-AC220/230/240MTP	957219
Fixed	4P	4000A	3600A	NXA40H36-MF4-AC220/230/240TP	957169
Withdrawable	3P	4000A	4000A	NXA40H40-HD3-AC220/230/240MTP	212516
Withdrawable	3P	4000A	4000A	NXA40H40-HD3-AC220/230/240TP	212515
Withdrawable	4P	4000A	4000A	NXA40H40-HD4-AC220/230/240MTP	212524
Withdrawable	4P	4000A	4000A	NXA40H40-HD4-AC220/230/240TP	212523
Fixed	3P	4000A	4000A	NXA40H40-HF3-AC220/230/240MTP	212532
Fixed	3P	4000A	4000A	NXA40H40-HF3-AC220/230/240TP	212531
Fixed	4P	4000A	4000A	NXA40H40-HF4-AC220/230/240MTP	212540
Fixed	4P	4000A	4000A	NXA40H40-HF4-AC220/230/240TP	212539
Withdrawable	3P	4000A	4000A	NXA40H40-MD3-AC220/230/240-3P+NTP	215978
Withdrawable	3P	4000A	4000A	NXA40H40-MD3-AC220/230/240M-3P+NTP	215979
Withdrawable	3P	4000A	4000A	NXA40H40-MD3-AC220/230/240MTP	957224
Withdrawable	3P	4000A	4000A	NXA40H40-MD3-AC220/230/240TP	957189
Withdrawable	4P	4000A	4000A	NXA40H40-MD4-AC220/230/240MTP	957226
Withdrawable	4P	4000A	4000A	NXA40H40-MD4-AC220/230/240TP	957193
Fixed	3P	4000A	4000A	NXA40H40-MF3-AC220/230/240-3P+NTP	216126
Fixed	3P	4000A	4000A	NXA40H40-MF3-AC220/230/240M-3P+NTP	216127
Fixed	3P	4000A	4000A	NXA40H40-MF3-AC220/230/240MTP	957225
Fixed	3P	4000A	4000A	NXA40H40-MF3-AC220/230/240TP	957197
Fixed	4P	4000A	4000A	NXA40H40-MF4-AC220/230/240MTP	957227
Fixed	4P	4000A	4000A	NXA40H40-MF4-AC220/230/240TP	957201
Withdrawable	3P	6300A	4000A	NXA63H40-HD3-AC220/230/240MTP	529040
Withdrawable	4P	6300A	4000A	NXA63H40-HD4-AC220/230/240MTP	529046

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Power Distribution Components

NXA SKU

Installation Method	Poles	Frame Size	Rated Current	SKU	Ordering Code
Withdrawable	3P	6300A	4000A	NXA63H40-MD3-AC220/230/240M-3P+N TP	275717
Withdrawable	3P	6300A	4000A	NXA63H40-MD3-AC220/230/240MTP	263607
Withdrawable	3P	6300A	4000A	NXA63H40-MD3-AC220/230/240TP	217557
Withdrawable	4P	6300A	4000A	NXA63H40-MD4-AC220/230/240MTP	263609
Withdrawable	4P	6300A	4000A	NXA63H40-MD4-AC220/230/240TP	217555
Fixed	3P	6300A	4000A	NXA63H40-MF3-AC220/230/240MTP	259042
Fixed	3P	6300A	4000A	NXA63H40-MF3-AC220/230/240TP	217567
Fixed	4P	6300A	4000A	NXA63H40-MF4-AC220/230/240TP	217565
Withdrawable	3P	6300A	5000A	NXA63H50-HD3-AC220/230/240-3P+N	512956
Withdrawable	3P	6300A	5000A	NXA63H50-HD3-AC220/230/240-3P+NTP	512957
Withdrawable	3P	6300A	5000A	NXA63H50-HD3-AC220/230/240MTP	529041
Withdrawable	4P	6300A	5000A	NXA63H50-HD4-AC220/230/240MTP	529047
Withdrawable	4P	6300A	5000A	NXA63H50-HD4-AC220/230/240TP	379090
Withdrawable	3P	6300A	5000A	NXA63H50-MD3-AC220/230/240M-3P+N TP?	275719
Withdrawable	3P	6300A	5000A	NXA63H50-MD3-AC220/230/240MTP	263611
Withdrawable	3P	6300A	5000A	NXA63H50-MD3-AC220/230/240TP	217553
Withdrawable	4P	6300A	5000A	NXA63H50-MD4-AC220/230/240MTP	263613
Withdrawable	4P	6300A	5000A	NXA63H50-MD4-AC220/230/240TP	217551
Fixed	3P	6300A	5000A	NXA63H50-MF3-AC220/230/240M	147034
Fixed	3P	6300A	5000A	NXA63H50-MF3-AC220/230/240MTP	259041
Fixed	3P	6300A	5000A	NXA63H50-MF3-AC220/230/240TP	217563
Fixed	4P	6300A	5000A	NXA63H50-MF4-AC220/230/240TP	217561
Withdrawable	3P	6300A	6300A	NXA63H63-HD3-AC220/230/240MTP	529042
Withdrawable	3P	6300A	6300A	NXA63H63-MD3-AC220/230/240M-3P+N TP	275721
Withdrawable	3P	6300A	6300A	NXA63H63-MD3-AC220/230/240MTP	259028
Withdrawable	3P	6300A	6300A	NXA63H63-MD3-AC220/230/240TP	217549
Fixed	3P	6300A	6300A	NXA63H63-MF3-AC220/230/240MTP	259040
Fixed	3P	6300A	6300A	NXA63H63-MF3-AC220/230/240TP	217559

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Power Distribution Components

NXA SKU

Ordering Code	SKU (English)	Frame Size	Category
953851	NXA16-ASUVT-AC220/230/240VTP	1600A	Undervoltage release
217892	NXA20/63-ASUVT-230VAC TP	2000~6300A	
841786	NXA16-CC-220V~240VAC (R)	1600A	Closed electromagnet
507233	NXA20~63-CC-220V~240VAC (R)	2000~6300AA	
841984	NXA16-ST-220V~240VAC (R)	1600A	Shunt Release
507231	NXA20~63-ST-220V~240VAC (R)	2000~6300AA	
201558	NXA16-KL-1S1S	1600A	Key lock
522551	NXA16-KL-2S1S	1600A	
522552	NXA16-KL-3S2S	1600A	
953856	NXA20~63-KL-1S1S	2000A~6300A	
522555	NXA20~63-KL-2S1S	2000A~6300A	
522556	NXA20~63-KL-3S2S	2000A~6300A	
953841	NXA16-OF-CO4 TP(R)	1600A	Auxiliary contact
953864	NXA20/40-OF-CO4 TP	2000A~6300A	
953861	NXA20/40-OF-N4 TP	2000A~6300A	
957935	NXA16-ILK2	1600A	Mechanical interlock
110918	NXA16 FX plate for ILK2	1600A	
901999	NXA20~63-ILK2	2000A~6300A	
957911	NXA20/40-BOARD-ILK2	2000A~4000A	
102675	NXA20/63 MI-3	2000A~6300A	

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Power Distribution Components

2.2 Molded Case Circuit Breaker

2.2.1 NM8N



General Description

NM8N series moulded case circuit breaker is suitable for the circuit of AC50/60Hz, with rated voltage AC690V and below, DC system rated voltage DC1000V and below, and rated current of 16A and 1600A.

It can protect circuits and electric equipment against overload, short circuit or undervoltage, and can also provide protection of overload, short circuit and under voltage for infrequent start of motor.

Products have functions of power distribution protection, motor protection, residual current protection and isolation. The circuit breaker can be installed vertically, installed horizontally and can also enter the line from the bottom.

NM8N	250	S	TM	125	4B
Product Code	**Frame Size Code**	**Breaking Capacity**	**TM: thermal-maanetic type**	**Rated Current**	**Poles**
NM8N:MCCB	125:125A 250:250A 400:400A 630:630A 800:800A 1600:1600A	B C S Q H R	M: Magnetic type for motor protection	125:16-20-25-40-50-63-80-100-125 250:32-63-100-125-160-180-200-225-250 400:250-315-350-400 800:500-630-700-800 1600:800-1000-1250-1600	1P:1-pole 2P:2-pole 3P:3-pole 4B:4-pole, there is no over-current protection at pole N and N-pole operates with other three poles 4C:4-pole, there is over-current protection at pole N and N-pole operates with other three poles

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Power Distribution Components

NM8N SKU

In(A)	Preaking Capacity	Pole Number	SKU	Ordering Code
800	H	4C	NM8N-800H TM 800 4C	272961
800	H	4B	NM8N-800H TM 800 4B	272957
800	H	3P	NM8N-800H TM 800 3P	272953
700	H	4C	NM8N-800H TM 700 4C	272960
700	H	4B	NM8N-800H TM 700 4B	272956
700	H	3P	NM8N-800H TM 700 3P	272952
630	H	4C	NM8N-800H TM 630 4C	272959
630	H	4B	NM8N-800H TM 630 4B	272955
630	H	3P	NM8N-800H TM 630 3P	272951
500	H	4C	NM8N-800H TM 500 4C	272958
500	H	4B	NM8N-800H TM 500 4B	272954
500	H	3P	NM8N-800H TM 500 3P	272950
800	H	4C	NM8N-800H M 800 4C	522683
800	H	3P	NM8N-800H M 800 3P	273084
700	H	4C	NM8N-800H M 700 4C	522682
700	H	3P	NM8N-800H M 700 3P	273083
630	H	4C	NM8N-800H M 630 4C	522681
630	H	3P	NM8N-800H M 630 3P	273082
500	H	4C	NM8N-800H M 500 4C	522680
500	H	3P	NM8N-800H M 500 3P	273081
500	H	4C	NM8N-630H TM 500 4C	269292
500	H	4B	NM8N-630H TM 500 4B	269287
500	H	3P	NM8N-630H TM 500 3P	269282
400	H	4C	NM8N-630H TM 400 4C	269291
400	H	4B	NM8N-630H TM 400 4B	269286
400	H	3P	NM8N-630H TM 400 3P	269281
350	H	4C	NM8N-630H TM 350 4C	269290
350	H	4B	NM8N-630H TM 350 4B	269285
350	H	3P	NM8N-630H TM 350 3P	269280
315	H	4C	NM8N-630H TM 315 4C	269289
315	H	4B	NM8N-630H TM 315 4B	269284
315	H	3P	NM8N-630H TM 315 3P	269279
250	H	4C	NM8N-630H TM 250 4C	269288
250	H	4B	NM8N-630H TM 250 4B	269283
250	H	3P	NM8N-630H TM 250 3P	269278
500	H	4C	NM8N-630H M 500 4C	522660
500	H	3P	NM8N-630H M 500 3P	269537
400	H	4C	NM8N-630H M 400 4C	522659
400	H	3P	NM8N-630H M 400 3P	269536
350	H	4C	NM8N-630H M 350 4C	522658
350	H	3P	NM8N-630H M 350 3P	269535

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Power Distribution Components

NM8N SKU

In(A)	Preaking Capacity	Pole Number	SKU	Ordering Code
315	H	4C	NM8N-630H M 315 4C	522657
315	H	3P	NM8N-630H M 315 3P	269534
250	H	4C	NM8N-630H M 250 4C	522656
250	H	3P	NM8N-630H M 250 3P	269533
400	H	4C	NM8N-400H TM 400 4C	269220
400	H	4B	NM8N-400H TM 400 4B	269216
400	H	3P	NM8N-400H TM 400 3P	268974
350	H	4C	NM8N-400H TM 350 4C	269219
350	H	4B	NM8N-400H TM 350 4B	269215
350	H	3P	NM8N-400H TM 350 3P	268973
315	H	4C	NM8N-400H TM 315 4C	269218
315	H	4B	NM8N-400H TM 315 4B	269214
315	H	3P	NM8N-400H TM 315 3P	268972
250	H	4C	NM8N-400H TM 250 4C	269217
250	H	4B	NM8N-400H TM 250 4B	269213
250	H	3P	NM8N-400H TM 250 3P	268971
400	H	4C	NM8N-400H M 400 4C	522638
400	H	3P	NM8N-400H M 400 3P	269513
350	H	4C	NM8N-400H M 350 4C	522637
350	H	3P	NM8N-400H M 350 3P	269512
315	H	4C	NM8N-400H M 315 4C	522636
315	H	3P	NM8N-400H M 315 3P	269511
250	H	4C	NM8N-400H M 250 4C	522635
250	H	3P	NM8N-400H M 250 3P	269510
250	H	4C	NM8N-250H TM 250 4C	271236
250	H	4B	NM8N-250H TM 250 4B	271230
250	H	3P	NM8N-250H TM 250 3P	271224
250	H	2P	NM8N-250H TM 250 2P	271218
225	H	4C	NM8N-250H TM 225 4C	271235
225	H	4B	NM8N-250H TM 225 4B	271229
225	H	3P	NM8N-250H TM 225 3P	271223
225	H	2P	NM8N-250H TM 225 2P	271217
200	H	4C	NM8N-250H TM 200 4C	271234
200	H	4B	NM8N-250H TM 200 4B	271228
200	H	3P	NM8N-250H TM 200 3P	271222
200	H	2P	NM8N-250H TM 200 2P	271216
180	H	4C	NM8N-250H TM 180 4C	271233
180	H	4B	NM8N-250H TM 180 4B	271227
180	H	3P	NM8N-250H TM 180 3P	271221
180	H	2P	NM8N-250H TM 180 2P	271215
160	H	4C	NM8N-250H TM 160 4C	271232

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Power Distribution Components

NM8N SKU

In(A)	Preaking Capacity	Pole Number	SKU	Ordering Code
160	H	4B	NM8N-250H TM 160 4B	271226
160	H	3P	NM8N-250H TM 160 3P	271220
160	H	2P	NM8N-250H TM 160 2P	271214
125	H	4C	NM8N-250H TM 125 4C	271231
125	H	4B	NM8N-250H TM 125 4B	271225
125	H	3P	NM8N-250H TM 125 3P	271219
125	H	2P	NM8N-250H TM 125 2P	271213
250	H	4C	NM8N-250H M 250 4C	522588
250	H	3P	NM8N-250H M 250 3P	271444
225	H	4C	NM8N-250H M 225 4C	522587
225	H	3P	NM8N-250H M 225 3P	271443
200	H	4C	NM8N-250H M 200 4C	522586
200	H	3P	NM8N-250H M 200 3P	271442
180	H	4C	NM8N-250H M 180 4C	522585
180	H	3P	NM8N-250H M 180 3P	271441
160	H	4C	NM8N-250H M 160 4C	522584
160	H	3P	NM8N-250H M 160 3P	271440
125	H	4C	NM8N-250H M 125 4C	522583
125	H	3P	NM8N-250H M 125 3P	271439
800	H	4C	NM8N-1600H TM 800 4C	263102
800	H	4B	NM8N-1600H TM 800 4B	263098
800	H	3P	NM8N-1600H TM 800 3P	263094
1600	H	4C	NM8N-1600H TM 1600 4C	263105
1600	H	4B	NM8N-1600H TM 1600 4B	263101
1600	H	3P	NM8N-1600H TM 1600 3P	263097
1250	H	4C	NM8N-1600H TM 1250 4C	263104
1250	H	4B	NM8N-1600H TM 1250 4B	263100
1250	H	3P	NM8N-1600H TM 1250 3P	263096
1000	H	4C	NM8N-1600H TM 1000 4C	263103
1000	H	4B	NM8N-1600H TM 1000 4B	263099
1000	H	3P	NM8N-1600H TM 1000 3P	263095
80	H	4C	NM8N-125H TM 80 4C	271688
80	H	4B	NM8N-125H TM 80 4B	271678
80	H	3P	NM8N-125H TM 80 3P	271668
80	H	2P	NM8N-125H TM 80 2P	271658
63	H	4C	NM8N-125H TM 63 4C	271687
63	H	4B	NM8N-125H TM 63 4B	271677
63	H	3P	NM8N-125H TM 63 3P	271667
63	H	2P	NM8N-125H TM 63 2P	271657
50	H	4C	NM8N-125H TM 50 4C	271686
50	H	4B	NM8N-125H TM 50 4B	271676

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Power Distribution Components

NM8N SKU

In(A)	Preaking Capacity	Pole Number	SKU	Ordering Code
50	H	3P	NM8N-125H TM 50 3P	271666
50	H	2P	NM8N-125H TM 50 2P	271656
40	H	4C	NM8N-125H TM 40 4C	271685
40	H	4B	NM8N-125H TM 40 4B	271675
40	H	3P	NM8N-125H TM 40 3P	271665
40	H	2P	NM8N-125H TM 40 2P	271655
32	H	4C	NM8N-125H TM 32 4C	271684
32	H	4B	NM8N-125H TM 32 4B	271674
32	H	3P	NM8N-125H TM 32 3P	271664
32	H	2P	NM8N-125H TM 32 2P	271654
25	H	4C	NM8N-125H TM 25 4C	271683
25	H	4B	NM8N-125H TM 25 4B	271673
25	H	3P	NM8N-125H TM 25 3P	271663
25	H	2P	NM8N-125H TM 25 2P	271653
20	H	4C	NM8N-125H TM 20 4C	271682
20	H	4B	NM8N-125H TM 20 4B	271672
20	H	3P	NM8N-125H TM 20 3P	271662
20	H	2P	NM8N-125H TM 20 2P	271652
16	H	4C	NM8N-125H TM 16 4C	271681
16	H	4B	NM8N-125H TM 16 4B	271671
16	H	3P	NM8N-125H TM 16 3P	271661
16	H	2P	NM8N-125H TM 16 2P	271651
125	H	4C	NM8N-125H TM 125 4C	271690
125	H	4B	NM8N-125H TM 125 4B	271680
125	H	3P	NM8N-125H TM 125 3P	271670
125	H	2P	NM8N-125H TM 125 2P	271660
100	H	4C	NM8N-125H TM 100 4C	271689
100	H	4B	NM8N-125H TM 100 4B	271679
100	H	3P	NM8N-125H TM 100 3P	271669
100	H	2P	NM8N-125H TM 100 2P	271659
80	H	4C	NM8N-125H M 80 4C	524579
80	H	3P	NM8N-125H M 80 3P	271868
63	H	4C	NM8N-125H M 63 4C	524578
63	H	3P	NM8N-125H M 63 3P	271867
50	H	4C	NM8N-125H M 50 4C	524577
50	H	3P	NM8N-125H M 50 3P	271866
40	H	4C	NM8N-125H M 40 4C	524576
40	H	3P	NM8N-125H M 40 3P	271865
32	H	4C	NM8N-125H M 32 4C	524575
32	H	3P	NM8N-125H M 32 3P	271864
25	H	4C	NM8N-125H M 25 4C	524574

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Power Distribution Components

NM8N SKU

In(A)	Preaking Capacity	Pole Number	SKU	Ordering Code
25	H	3P	NM8N-125H M 25 3P	271863
20	H	4C	NM8N-125H M 20 4C	524573
20	H	3P	NM8N-125H M 20 3P	271862
16	H	4C	NM8N-125H M 16 4C	524572
16	H	3P	NM8N-125H M 16 3P	271861
125	H	4C	NM8N-125H M 125 4C	524571
125	H	3P	NM8N-125H M 125 3P	271870
100	H	4C	NM8N-125H M 100 4C	524570
100	H	3P	NM8N-125H M 100 3P	271869
800	H	3P	NM8N-800H ENM 800 3P	273096
800	H	4C	NM8N-800H EN 800 4C	273044
800	H	3P	NM8N-800H EN 800 3P	273042
800	H	3P	NM8N-800H EMM 800 3P	273106
800	H	4C	NM8N-800H EM 800 4C	273064
800	H	3P	NM8N-800H EM 800 3P	273062
800	H	4C	NM8N-1600H EN 800 4C MOD AC400	263278
800	H	4C	NM8N-1600H EN 800 4C MOD AC230	263274
800	H	4C	NM8N-1600H EN 800 4C	263126
800	H	3P	NM8N-1600H EN 800 3P MOD AC400	263262
800	H	3P	NM8N-1600H EN 800 3P MOD AC230	263258
800	H	3P	NM8N-1600H EN 800 3P	263122
1000	H	4C	NM8N-1600H EN 1000 4C+FCP	335738
1000	H	4C	NM8N-1600H EN 1000 4C MOD AC400	263279
1000	H	4C	NM8N-1600H EN 1000 4C MOD AC230	263275
1000	H	4C	NM8N-1600H EN 1000 4C	263127
1000	H	3P	NM8N-1600H EN 1000 3P+FCP	335736
1000	H	3P	NM8N-1600H EN 1000 3P MOD AC400	263263
1000	H	3P	NM8N-1600H EN 1000 3P MOD AC230	263259
1000	H	3P	NM8N-1600H EN 1000 3P	263123
800	H	4C	NM8N-1600H EM 800 4C MOD AC400	263374
800	H	4C	NM8N-1600H EM 800 4C MOD AC230	263370
800	H	4C	NM8N-1600H EM 800 4C	263150
800	H	3P	NM8N-1600H EM 800 3P MOD AC400	263358
800	H	3P	NM8N-1600H EM 800 3P MOD AC230	263354
800	H	3P	NM8N-1600H EM 800 3P	263146
1000	H	4C	NM8N-1600H EM 1000 4C MOD AC400	263375
1000	H	4C	NM8N-1600H EM 1000 4C MOD AC230	263371
1000	H	4C	NM8N-1600H EM 1000 4C	263151
1000	H	3P	NM8N-1600H EM 1000 3P MOD AC400	263359
1000	H	3P	NM8N-1600H EM 1000 3P MOD AC230	263355
1000	H	3P	NM8N-1600H EM 1000 3P	263147

2.0

Power Distribution Components

2.2.2 NXM



General Description

The moulded case circuit breaker provide protection for the circuit and equipment in case of overload, short circuit and under voltage condition occurred in the power distribution circuit. Besides, it can also provide protection of overload, short circuit and under voltage for the non frequent start of motor.

- Rated operational voltage: Ue : 220V/230V/240V, 380V/400V/415V, 500V, 690V
- Breaking capacity code: E, S, F, H
- Number of poles: 2P, 3P, 4P
- Release type:thermal magnetic fixed type; magnetic fixed type; electronic type.
- Installation method: Fixed type; plug-in type

NXM	160	S	P	4	300	2	A	160	Other
Product code	Frame size code	Breaking capacity code[2]	Operation way code	Number of poles code	Code of release type and inner accessories[3]	Usage code	Product with N pole the code is selectable	Rated current[1]	Code of installation or secondary voltage
NXM: moulded case circuit breaker	63A 125A 160A(W125A) 250A 400A 630A 800A(W630A) 1000A(W800A) 1250A 1600A	E: 15kA S: 25kA F: 36kA H: 50kA E: 20kA S: 36kA F: 36kA H: 50kA E: 36kA S: 50kA F: 50kA H: 70kA S: 50kA F: 50kA H: 70kA S: 50kA H: 70kA	No code: direct handle operation P: motor operation Z:rotary handle operation	2: 2 poles 3: 3 poles 4: 4 poles	First number represents the release type 2: only magnetic type 3: thermal magnetic type The second number and the third number are codes of inner accessories	No code: distribution protection 2: motor protection	A: there is no over current release installed at pole N and the N pole will always connect, which will not operate with the other three poles. B: there is no over current release installed at pole N and the N pole will operate with the other three poles; C: there is over current releas e installed at N pole, and the N pole will operate with the other three poles; D: there is over current releas e installed at N pole, and the N pole will always connects, which will operate with the other three poles	10A~1600A	No code: front connection R: rear connection DR: plug-in type rear connection

2.0

Power Distribution Components

NXM SKU

In	Icu	Ics	Pole NO.	SKU	Ordering Code
1000A	70KA	50KA	3	NXM-1000H/3300 1000A	844276
800A	70KA	50KA	3	NXM-1000H/3300 800A	844277
1000A	70KA	50KA	4	NXM-1000H/4300B 1000A	844278
800A	70KA	50KA	4	NXM-1000H/4300B 800A	844279
1000A	70KA	50KA	3	NXM-1250H/3300T 1000A	218741
1250A	70KA	50KA	3	NXM-1250H/3300T 1250A	218742
1000A	70KA	50KA	4	NXM-1250H/4300TB 1000A	423724
1250A	70KA	50KA	4	NXM-1250H/4300TB 1250A	423725
100A	50KA	36KA	3	NXM-125H/3300 100A	844283
125A	50KA	36KA	3	NXM-125H/3300 125A	844284
16A	50KA	36KA	3	NXM-125H/3300 16A	292459
20A	50KA	36KA	3	NXM-125H/3300 20A	292460
25A	50KA	36KA	3	NXM-125H/3300 25A	844285
32A	50KA	36KA	3	NXM-125H/3300 32A	844286
40A	50KA	36KA	3	NXM-125H/3300 40A	844287
50A	50KA	36KA	3	NXM-125H/3300 50A	844288
63A	50KA	36KA	3	NXM-125H/3300 63A	844289
80A	50KA	36KA	3	NXM-125H/3300 80A	844290
100A	50KA	36KA	4	NXM-125H/4300B 100A	844291
125A	50KA	36KA	4	NXM-125H/4300B 125A	844292
16A	50KA	36KA	4	NXM-125H/4300B 16A	292461
20A	50KA	36KA	4	NXM-125H/4300B 20A	292462
25A	50KA	36KA	4	NXM-125H/4300B 25A	844293
32A	50KA	36KA	4	NXM-125H/4300B 32A	844294
40A	50KA	36KA	4	NXM-125H/4300B 40A	844295
50A	50KA	36KA	4	NXM-125H/4300B 50A	844296
63A	50KA	36KA	4	NXM-125H/4300B 63A	844297
80A	50KA	36KA	4	NXM-125H/4300B 80A	844298
1000A	70KA	50KA	3	NXM-1600H/3300T 1000A	844311
1250A	70KA	50KA	3	NXM-1600H/3300T 1250A	844312
1600A	70KA	50KA	3	NXM-1600H/3300T 1600A	844313
1000A	70KA	50KA	4	NXM-1600H/4300TB 1000A	844314
1250A	70KA	50KA	4	NXM-1600H/4300TB 1250A	844315
1600A	70KA	50KA	4	NXM-1600H/4300TB 1600A	844316
100A	50KA	36KA	3	NXM-160H/3300 100A	146352
125A	50KA	36KA	3	NXM-160H/3300 125A	844322
150A	50KA	36KA	3	NXM-160H/3300 150A	309506
160A	50KA	36KA	3	NXM-160H/3300 160A	844323
25A	50KA	36KA	3	NXM-160H/3300 25A	146346
32A	50KA	36KA	3	NXM-160H/3300 32A	146347
40A	50KA	36KA	3	NXM-160H/3300 40A	146348

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Power Distribution Components

NXM SKU

In	Icu	Ics	Pole NO.	SKU	Ordering Code
50A	50KA	36KA	3	NXM-160H/3300 50A	146349
63A	50KA	36KA	3	NXM-160H/3300 63A	146350
80A	50KA	36KA	3	NXM-160H/3300 80A	146351
100A	50KA	36KA	4	NXM-160H/4300B 100A	146359
125A	50KA	36KA	4	NXM-160H/4300B 125A	844324
150A	50KA	36KA	4	NXM-160H/4300B 150A	309508
160A	50KA	36KA	4	NXM-160H/4300B 160A	844325
25A	50KA	36KA	4	NXM-160H/4300B 25A	146353
32A	50KA	36KA	4	NXM-160H/4300B 32A	146354
40A	50KA	36KA	4	NXM-160H/4300B 40A	146355
50A	50KA	36KA	4	NXM-160H/4300B 50A	146356
63A	50KA	36KA	4	NXM-160H/4300B 63A	146357
80A	50KA	36KA	4	NXM-160H/4300B 80A	146358
160A	50KA	36KA	3	NXM-250H/3300 160A	844329
180A	50KA	36KA	3	NXM-250H/3300 180A	844330
200A	50KA	36KA	3	NXM-250H/3300 200A	844331
225A	50KA	36KA	3	NXM-250H/3300 225A	844332
250A	50KA	36KA	3	NXM-250H/3300 250A	844333
160A	50KA	36KA	4	NXM-250H/4300B 160A	844334
180A	50KA	36KA	4	NXM-250H/4300B 180A	844335
200A	50KA	36KA	4	NXM-250H/4300B 200A	844336
225A	50KA	36KA	4	NXM-250H/4300B 225A	844337
250A	50KA	36KA	4	NXM-250H/4300B 250A	844338
250A	70KA	50KA	3	NXM-400H/3300 250A	409451
300A	70KA	50KA	3	NXM-400H/3300 300A	309513
315A	70KA	50KA	3	NXM-400H/3300 315A	844355
320A	70KA	50KA	3	NXM-400H/3300 320A	844356
350A	70KA	50KA	3	NXM-400H/3300 350A	844357
400A	70KA	50KA	3	NXM-400H/3300 400A	844358
250A	70KA	50KA	4	NXM-400H/4300B 250A	409449
300A	70KA	50KA	4	NXM-400H/4300B 300A	309514
315A	70KA	50KA	4	NXM-400H/4300B 315A	844359
320A	70KA	50KA	4	NXM-400H/4300B 320A	844360
350A	70KA	50KA	4	NXM-400H/4300B 350A	844361
400A	70KA	50KA	4	NXM-400H/4300B 400A	844362
400A	70KA	50KA	3	NXM-630H/3300 400A	844368
500A	70KA	50KA	3	NXM-630H/3300 500A	844369
600A	70KA	50KA	3	NXM-630H/3300 600A	309501
630A	70KA	50KA	3	NXM-630H/3300 630A	844370
400A	70KA	50KA	4	NXM-630H/4300B 400A	844371
500A	70KA	50KA	4	NXM-630H/4300B 500A	844372

2.0

Power Distribution Components

NXM SKU

In	Icu	Ics	Pole NO.	SKU	Ordering Code
600A	70KA	50KA	4	NXM-630H/4300B 600A	309504
630A	70KA	50KA	4	NXM-630H/4300B 630A	844373
10A	50KA	36KA	3	NXM-63H/3300 10A	205890
16A	50KA	36KA	3	NXM-63H/3300 16A	205891
20A	50KA	36KA	3	NXM-63H/3300 20A	205892
25A	50KA	36KA	3	NXM-63H/3300 25A	205893
32A	50KA	36KA	3	NXM-63H/3300 32A	205894
40A	50KA	36KA	3	NXM-63H/3300 40A	205895
50A	50KA	36KA	3	NXM-63H/3300 50A	205896
63A	50KA	36KA	3	NXM-63H/3300 63A	205897
10A	50KA	36KA	4	NXM-63H/4300B 10A	205898
16A	50KA	36KA	4	NXM-63H/4300B 16A	205899
20A	50KA	36KA	4	NXM-63H/4300B 20A	205900
25A	50KA	36KA	4	NXM-63H/4300B 25A	205901
32A	50KA	36KA	4	NXM-63H/4300B 32A	205902
40A	50KA	36KA	4	NXM-63H/4300B 40A	205903
50A	50KA	36KA	4	NXM-63H/4300B 50A	205904
63A	50KA	36KA	4	NXM-63H/4300B 63A	205905
630A	70KA	50KA	3	NXM-800H/3300 630A	844378
800A	70KA	50KA	3	NXM-800H/3300 800A	844379
630A	70KA	50KA	4	NXM-800H/4300B 630A	844380
800A	70KA	50KA	4	NXM-800H/4300B 800A	844381
1000A	70KA	50KA	3	NXMS-1000H/3300 1000A	845708
800A	70KA	50KA	3	NXMS-1000H/3300 800A	845707
1000A	70KA	50KA	4	NXMS-1000H/4300C 1000A	845710
800A	70KA	50KA	4	NXMS-1000H/4300C 800A	845709
1000A	50KA	36KA	3	NXMS-1000S/3300 1000A	845706
800A	50KA	36KA	3	NXMS-1000S/3300 800A	845705
1000A	50KA	36KA	4	NXMS-1000S/4300C 1000A	845711
800A	50KA	36KA	4	NXMS-1000S/4300C 800A	845712
1250A	70KA	50KA	3	NXMS-1250H/3300 1250A	201719
1250A	70KA	50KA	4	NXMS-1250H/4300C 1250A	201723
1250A	50KA	36KA	3	NXMS-1250S/3300 1250A	201717
1250A	50KA	36KA	4	NXMS-1250S/4300C 1250A	201721
630A	50KA	50KA	3	NXMS-630F/3300 630A	321223
630A	50KA	50KA	4	NXMS-630F/4300C 630A	296578
630A	70KA	50KA	3	NXMS-630H/3300 630A	845730
630A	70KA	50KA	4	NXMS-630H/4300C 630A	845732
630A	50KA	36KA	3	NXMS-630S/3300 630A	845729
630A	50KA	36KA	4	NXMS-630S/4300C 630A	845731

2.0

Power Distribution Components

2.3 Current Transformer BH-0.66



BH-0.66 I

To be used in combination with measurement instruments: ammeters, watt-hour meters, measurement units, control relays, etc.

- Secondary current Isn: 5A
- Rated voltage Ue:660 V
- Frequency: 50Hz/60Hz
- Operating temperature: -5°C to +40°C, humidity <80%
- Altitude: ≤1000m
- Standards: IEC 61869-2
- Installation type: busbar or plate fixing

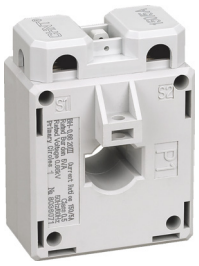


BH-0.66 II

To be used in combination with measurement instruments: ammeters, watt-hour meters,measurement units, control relays, etc.

- Secondary current Isn: 5A
- Rated voltage Ue: 660 V
- Frequency: 50Hz/60Hz
- Operating temperature: -5°C to +40°C, humidity <80%
- Altitude: ≤1000m
- Standards: IEC 61869-2
- Installation type: Busbar or plate fixing

CE



BH-0.66 III

To be used in combination with measurement instruments: ammeters, watt-hour meters,measurement units, control relays, etc.

- Secondary current Isn: 5A
- Rated voltage Ue: 660 V
- Frequency: 50Hz/60Hz
- Operating temperature: -5°C to +40°C, humidity <80%
- Actitude:≤1000m
- Standards: IEC 61869-2
- Installation type: busbar or plate fixing

CE

BH-0.66	100	I	100/5A	Class 0.5	1
Current Transformer Series	Width of window for bars	Category	Ratio	Use Category	Number of cable turns

2.0

Power Distribution Components

BH-0.66 SKU

SKU	Code
BH-0.66 30 I 100/1A class 0.5-1	364564
BH-0.66 30 I 150/1A class 0.5-1	364565
BH-0.66 30 I 150/5A class 0.5-1	364512
BH-0.66 30 I 200/1A class 0.5-1	364566
BH-0.66 30 I 200/5A class 0.5-1	364513
BH-0.66 30 I 250/1A class 0.5-1	364567
BH-0.66 30 I 250/5A class 0.5-1	364514
BH-0.66 30 I 300/1A class 0.5-1	364568
BH-0.66 30 I 300/5A class 0.5-1	364515
BH-0.66 30 I 350/5A class 0.5-1	364291
BH-0.66 30 I 400/5A class 0.5-1	364299
BH-0.66 30 I 50/1A class 0.5-1	364562
BH-0.66 30 I 75/1A class 0.5-1	364563
BH(SDH)-0.66 100 II 1000/5Aclass0.5-1	365420
BH(SDH)-0.66 100 II 1200/5A class 0.5-1	365421
BH(SDH)-0.66 100 II 1500/5Aclass0.5-1	365422
BH(SDH)-0.66 100 II 1600/5A class 0.5-1	365295
BH(SDH)-0.66 100 II 2000/1A class 0.5-1	365448
BH(SDH)-0.66 100 II 2000/5Aclass0.5-1	365423
BH(SDH)-0.66 100 II 2500/1A class 0.5-1	365449
BH(SDH)-0.66 100 II 2500/5A class 0.5-1	365424
BH(SDH)-0.66 100 II 3000/1A class 0.5-1	365450
BH(SDH)-0.66 100 II 3000/5A class 0.5-1	365425
BH(SDH)-0.66 100 II 600/1A class 0.5-1	365447
BH(SDH)-0.66 100 II 600/5A class 0.5-1	365417
BH(SDH)-0.66 100 II 750/5A class 0.5-1	365418
BH(SDH)-0.66 100 II 800/5A class 0.5-1	365419
BH(SDH)-0.66 120 II 1000/5A class 0.5-1	365426
BH(SDH)-0.66 120 II 1200/5A class 0.5-1	365427
BH(SDH)-0.66 120 II 1500/5A class 0.5-1	365428
BH(SDH)-0.66 120 II 2000/1A class 0.5-1	365451
BH(SDH)-0.66 120 II 2000/5A class 0.5-1	365429
BH(SDH)-0.66 120 II 2500/1A class 0.5-1	365452
BH(SDH)-0.66 120 II 2500/5A class 0.5-1	365430
BH(SDH)-0.66 120 II 3000/1A class 0.5-1	365453
BH(SDH)-0.66 120 II 3000/5A class 0.5-1	365431
BH(SDH)-0.66 120 II 4000/5A class 0.5-1	365432
BH(SDH)-0.66 40 II 150/1A class 0.5-1	365434
BH(SDH)-0.66 40 II 150/5A class 0.5-1	365382
BH(SDH)-0.66 40 II 200/1A class 0.5-1	365435
BH(SDH)-0.66 40 II 200/5A class 0.5-1	365383
BH(SDH)-0.66 40 II 250/1A class 0.5-1	365436
BH(SDH)-0.66 40 II 250/5A class 0.5-1	365455
BH(SDH)-0.66 40 II 300/5A class 0.5-1	365384
BH(SDH)-0.66 40 II 400/5A class 0.5-1	365385

SKU	Code
BH(SDH)-0.66 40 II 500/5A class 0.5-1	365386
BH(SDH)-0.66 40 II 600/5A class 0.5-1	365387
BH(SDH)-0.66 50 II 1000/5A class0.5-1	365395
BH(SDH)-0.66 50 II 1200/5A class0.5-1	365396
BH(SDH)-0.66 50 II 1500/5A class0.5-1	365292
BH(SDH)-0.66 50 II 200/5A class 0.5-1	365376
BH(SDH)-0.66 50 II 250/5A class 0.5-1	365377
BH(SDH)-0.66 50 II 300/1A class 0.5-1	365437
BH(SDH)-0.66 50 II 300/5A class 0.5-1	365389
BH(SDH)-0.66 50 II 400/5A class 0.5-1	365390
BH(SDH)-0.66 50 II 500/5A class 0.5-1	365391
BH(SDH)-0.66 50 II 600/5A class 0.5-1	365392
BH(SDH)-0.66 50 II 750/5A class 0.5-1	365393
BH(SDH)-0.66 50 II 800/5A class 0.5-1	365394
BH(SDH)-0.66 60 II 1000/5A class 0.5-1	365403
BH(SDH)-0.66 60 II 1200/5A class 0.5-1	365404
BH(SDH)-0.66 60 II 1250/5A class 0.5-1	365375
BH(SDH)-0.66 60 II 1500/5A class0.5-1	365405
BH(SDH)-0.66 60 II 2000/5A class 0.5-1	365293
BH(SDH)-0.66 60 II 300/5A class 0.5-1	365397
BH(SDH)-0.66 60 II 400/1A class 0.5-1	365438
BH(SDH)-0.66 60 II 400/5A class 0.5-1	365398
BH(SDH)-0.66 60 II 500/5A class 0.5-1	365399
BH(SDH)-0.66 60 II 600/5A class 0.5-1	365400
BH(SDH)-0.66 60 II 750/5A class 0.5-1	365401
BH(SDH)-0.66 60 II 800/5A class 0.5-1	365402
BH(SDH)-0.66 80 II 1000/1A class 0.5-1	365443
BH(SDH)-0.66 80 II 1000/5A class 0.5-1	365412
BH(SDH)-0.66 80 II 1200/1A class 0.5-1	365444
BH(SDH)-0.66 80 II 1200/5A class 0.5-1	365413
BH(SDH)-0.66 80 II 1500/1A class 0.5-1	365445
BH(SDH)-0.66 80 II 1500/5A class 0.5-1	365414
BH(SDH)-0.66 80 II 1600/5A class 0.5-1	365570
BH(SDH)-0.66 80 II 2000/1A class 0.5-1	365446
BH(SDH)-0.66 80 II 2000/5A class 0.5-1	365415
BH(SDH)-0.66 80 II 300/5A class 0.5-1	365406
BH(SDH)-0.66 80 II 400/5A class 0.5-1	365407
BH(SDH)-0.66 80 II 500/1A class 0.5-1	365439
BH(SDH)-0.66 80 II 500/5A class 0.5-1	365408
BH(SDH)-0.66 80 II 600/1A class 0.5-1	365440
BH(SDH)-0.66 80 II 600/5A class 0.5-1	365409
BH(SDH)-0.66 80 II 750/1A class 0.5-1	365441
BH(SDH)-0.66 80 II 750/5A class 0.5-1	365410
BH(SDH)-0.66 80 II 800/1A class 0.5-1	365442
BH(SDH)-0.66 80 II 800/5A class 0.5-1	365411

SKU	Code
SDH-0.66 100 II 1000/5A class 0.5-1	255399
SDH-0.66 100 II 1200/5A class 0.5-1	255400
SDH-0.66 100 II 1500/5A class 0.5-1	255401
SDH-0.66 100 II 1600/5A class 0.5-1	256515
SDH-0.66 100 II 2000/5A class 0.5-1	255402
SDH-0.66 100 II 2500/5A class 0.5-1	255403
SDH-0.66 100 II 3000/5A class 0.5-1	255404
SDH-0.66 100 II 600/5A class 0.5-1	296926
SDH-0.66 100 II 750/5A class 0.5-1	296927
SDH-0.66 100 II 800/5A class 0.5-1	296928
SDH-0.66 120 II 1000/5A class 0.5-1	255405
SDH-0.66 120 II 1200/5A class 0.5-1	255406
SDH-0.66 120 II 1500/5A class 0.5-1	255407
SDH-0.66 120 II 2000/5A class 0.5-1	255408
SDH-0.66 120 II 2500/5A class 0.5-1	255409
SDH-0.66 120 II 3000/5A class 0.5-1	255410
SDH-0.66 120 II 4000/5A class 0.5-1	255411
SDH-0.66 40 II 250/5A class 0.5-1	255372
SDH-0.66 40 II 300/5A class 0.5-1	255373
SDH-0.66 40 II 400/5A class 0.5-1	255374
SDH-0.66 40 II 500/5A class 0.5-1	255375
SDH-0.66 40 II 600/5A class 0.5-1	255376
SDH-0.66 50 II 1000/5A class 0.5-1	255382
SDH-0.66 50 II 1200/5A class 0.5-1	255383
SDH-0.66 50 II 1500/5A class 0.5-1	255384
SDH-0.66 50 II 400/5A class 0.5-1	255377
SDH-0.66 50 II 500/5A class 0.5-1	255378
SDH-0.66 50 II 600/5A class 0.5-1	255379
SDH-0.66 50 II 750/5A class 0.5-1	255380
SDH-0.66 50 II 800/5A class 0.5-1	255381
SDH-0.66 60 II 1000/5A class 0.5-1	255389
SDH-0.66 60 II 1200/5A class 0.5-1	255390
SDH-0.66 60 II 1500/5A class 0.5-1	255391
SDH-0.66 60 II 2000/5A class 0.5-1	255392
SDH-0.66 60 II 500/5A class 0.5-1	255385
SDH-0.66 60 II 600/5A class 0.5-1	255386
SDH-0.66 60 II 750/5A class 0.5-1	255387
SDH-0.66 60 II 800/5A class 0.5-1	255388
SDH-0.66 80 II 1000/5A class 0.5-1	255395
SDH-0.66 80 II 1200/5A class 0.5-1	255396
SDH-0.66 80 II 1500/5A class 0.5-1	255397
SDH-0.66 80 II 2000/5A class 0.5-1	255398
SDH-0.66 80 II 750/5A class 0.5-1	255393
SDH-0.66 80 II 800/5A class 0.5-1	255394

2.0

Power Distribution Components

2.4 Disconnector NH40



General Description

NH40 series Switch-disconnector is applicable for AC 50Hz, rated voltage AC 690V and below,rated current up to 3150A.In the industrial enterprise power distribution equipment, it can be used to connect and disconnect the circuit and isolate the power supply frequently, especially the 125A~630A can be used as frequent connected and broken.

Standard: IEC/EN60947-3.

Disconector	Rated current	Poles
NH40	16-3150A	3:3P 4:4P

Disconector	Rated Current	Poles	Handle Position	Contact Type	Cabinet
NH40	16-3150A	3:3P 4:4P	Blank:Central handel C:Side handel	Blank:Single S:double	Blank:Inside Operation W:Outside Operation

2.0

Power Distribution Components

NH40 SKU

	Frame	In	SKU	Code
3P	3P	16A	NH40-16/3	393524
	3P	32A	NH40-32/3	393525
	3P	40A	NH40-40/3	393526
	3P	63A	NH40-63/3	393527
	3P	80A	NH40-80/3	393528
	3P	100A	NH40-100/3	393529
	3P	125A	NH40-125/3	393261
	3P	160A	NH40-160/3	393262
	3P	200A	NH40-200/3	393263
	3P	250A	NH40-250/3	393264
	3P	315A	NH40-315/3	393265
	3P	400A	NH40-400/3	393266
	3P	630A	NH40-630/3	393267
	3P	1000A	NH40-1000/3	393268
	3P	1250A	NH40-1250/3	393269
	3P	1600A	NH40-1600/3	393270
	3P	2000A	NH40-2000/3	393271
	3P	2500A	NH40-2500/3	393272
	3P	3150A	NH40-3150/3	393273
4P	4P	16A	NH40-16/4	393530
	4P	32A	NH40-32/4	393531
	4P	40A	NH40-40/4	393532
	4P	63A	NH40-63/4	393533
	4P	80A	NH40-80/4	393534
	4P	100A	NH40-100/4	393535
	4P	125A	NH40-125/4	393358
	4P	160A	NH40-160/4	393359
	4P	200A	NH40-200/4	393360
	4P	250A	NH40-250/4	393361
	4P	315A	NH40-315/4	393362
	4P	400A	NH40-400/4	393363
	4P	630A	NH40-630/4	393364
	4P	1000A	NH40-1000/4	393365
	4P	1250A	NH40-1250/4	393366
	4P	1600A	NH40-1600/4	393367
	4P	2000A	NH40-2000/4	393368
	4P	2500A	NH40-2500/4	393369
	4P	3150A	NH40-3150/4	393370

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Power Distribution Components

NH40 SKU

	Poles	In	SKU	Code
3P	3P	16A	NH40-16/3CS	393540
	3P	32A	NH40-32/3CS	393541
	3P	40A	NH40-40/3CS	393542
	3P	63A	NH40-63/3CS	393543
	3P	80A	NH40-80/3CS	393544
	3P	100A	NH40-100/3CS	393545
	3P	125A	NH40-125/3CS	393351
	3P	160A	NH40-160/3CS	393371
	3P	200A	NH40-200/3CS	393372
	3P	250A	NH40-250/3CS	393373
	3P	315A	NH40-315/3CS	393374
	3P	400A	NH40-400/3CS	393375
	3P	630A	NH40-630/3CS	393376
	3P	1000A	NH40-1000/3CS	393377
	3P	1250A	NH40-1250/3CS	393378
	3P	1600A	NH40-1600/3CS	393379
	3P	2000A	NH40-2000/3CS	393380
	3P	2500A	NH40-2500/3CS	393381
	3P	3150A	NH40-3150/3CS	393382
4P	4P	16A	NH40-16/4CS	393546
	4P	32A	NH40-32/4CS	393547
	4P	40A	NH40-40/4CS	393548
	4P	63A	NH40-63/4CS	393549
	4P	80A	NH40-80/4CS	393550
	4P	100A	NH40-100/4CS	393551
	4P	125A	NH40-125/4CS	393352
	4P	160A	NH40-160/4CS	393383
	4P	200A	NH40-200/4CS	393384
	4P	250A	NH40-250/4CS	393353
	4P	315A	NH40-315/4CS	393414
	4P	400A	NH40-400/4CS	393354
	4P	630A	NH40-630/4CS	393355
	4P	1000A	NH40-1000/4CS	393356
	4P	1250A	NH40-1250/4CS	393415
	4P	1600A	NH40-1600/4CS	393357
	4P	2000A	NH40-2000/4CS	393385
	4P	2500A	NH40-2500/4CS	393386
	4P	3150A	NH40-3150/4CS	393387

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Power Distribution Components

NH40 SKU

	Poles	In	SKU	Code
3P	3P	16A	NH40-16/3CSW	393552
	3P	32A	NH40-32/3CSW	393553
	3P	40A	NH40-40/3CSW	393554
	3P	63A	NH40-63/3CSW	393555
	3P	80A	NH40-80/3CSW	393556
	3P	100A	NH40-100/3CSW	393557
	3P	125A	NH40-125/3CSW	393388
	3P	160A	NH40-160/3CSW	393389
	3P	200A	NH40-200/3CSW	393390
	3P	250A	NH40-250/3CSW	393391
	3P	315A	NH40-315/3CSW	393392
	3P	400A	NH40-400/3CSW	393393
	3P	630A	NH40-630/3CSW	393394
	3P	1000A	NH40-1000/3CSW	393395
	3P	1250A	NH40-1250/3CSW	393396
	3P	1600A	NH40-1600/3CSW	393397
	3P	2000A	NH40-2000/3CSW	393398
	3P	2500A	NH40-2500/3CSW	393399
	3P	3150A	NH40-3150/3CSW	393400
4P	4P	16A	NH40-16/4CSW	393558
	4P	32A	NH40-32/4CSW	393559
	4P	40A	NH40-40/4CSW	393560
	4P	63A	NH40-63/4CSW	393561
	4P	80A	NH40-80/4CSW	393562
	4P	100A	NH40-100/4CSW	393563
	4P	125A	NH40-125/4CSW	393401
	4P	160A	NH40-160/4CSW	393402
	4P	200A	NH40-200/4CSW	393403
	4P	250A	NH40-250/4CSW	393404
	4P	315A	NH40-315/4CSW	393405
	4P	400A	NH40-400/4CSW	393406
	4P	630A	NH40-630/4CSW	393407
	4P	1000A	NH40-1000/4CSW	393408
	4P	1250A	NH40-1250/4CSW	393409
	4P	1600A	NH40-1600/4CSW	393410
	4P	2000A	NH40-2000/4CSW	393411
	4P	2500A	NH40-2500/4CSW	393412
	4P	3150A	NH40-3150/4CSW	393413

2.0

Power Distribution Components

2.5 Fuse RT36



General Description

RT36 series fuse are reliable over - current protection device. It is widely used in industrial control systems, electrical distribution cabinets, and household electrical appliances. Technically, it features high - speed tripping, which can quickly cut off the circuit when over - current occurs. Its compact design saves space, and it has a wide range of rated current options to meet different application needs.

- Rated voltage: AC500V/AC690V/DC250V/DC440V
- Rated current: 4~1250A
- Breaking capacity: 120kA
- Frames: RT36-00(NT00), RT36-0(NT0), RT36-1(NT1), RT36-2(NT2), RT36-3(NT3), RT36-4(NT4)
- Fuse holder and fuse carrier



Base



Fuse Puller(Part No.: 521549)

RT36	–	00	25A	Gg
Product Series		Frame Size	Rated Current	General Purpose Fuse
		32A 63A 125A	4A 6A 10A 16A 25A 32A 35A 40A 50A 63A 80A 100A 125A 160A 200A 224A 250A 300A 315A 350A 400A 500A 630A 800A 1000A 1250A	gG

BASE RT36	–	1	250A
Product Series		Programming Groups	Maximum Current
		00 0 1 2 3 4	160A 160A 250A 400A 630A 1250A

2.0

Power Distribution Components

RT36 SKU

Frame Size	Rated Current	Breaking Capacity	SKU	Code
00	4A	120KA @ AC500V	RT36-00 4A gG	521504
00	6A	120KA @ AC500V	RT36-00 6A gG	521505
00	10A	120KA @ AC500V	RT36-00 10A gG	521506
00	16A	120KA @ AC500V	RT36-00 16A gG	521507
00	25A	120KA @ AC500V	RT36-00 25A gG	521508
00	32A	120KA @ AC500V	RT36-00 32A gG	521509
00	35A	120KA @ AC500V	RT36-00 35A gG	521510
00	40A	120KA @ AC500V	RT36-00 40A gG	521511
00	50A	120KA @ AC500V	RT36-00 50A gG	521512
00	63A	120KA @ AC500V	RT36-00 63A gG	521514
00	80A	120KA @ AC500V	RT36-00 80A gG	521515
00	100A	120KA @ AC500V	RT36-00 100A gG	521516
00	125A	120KA @ AC500V	RT36-00 125A gG	521517
00	160A	120KA @ AC500V	RT36-00 160A gG	521518
1	80A	120KA @ AC500V	RT36-1 80A gG	521519
1	100A	120KA @ AC500V	RT36-1 100A gG	521520
1	125A	120KA @ AC500V	RT36-1 125A gG	521521
1	160A	120KA @ AC500V	RT36-1 160A gG	521522
1	200A	120KA @ AC500V	RT36-1 200A gG	521523
1	224A	120KA @ AC500V	RT36-1 224A gG	521524
1	250A	120KA @ AC500V	RT36-1 250A gG	521525
2	125A	120KA @ AC500V	RT36-2 125A gG	521526
2	160A	120KA @ AC500V	RT36-2 160A gG	521527
2	200A	120KA @ AC500V	RT36-2 200A gG	521528
2	224A	120KA @ AC500V	RT36-2 224A gG	521529
2	250A	120KA @ AC500V	RT36-2 250A gG	521530
2	300A	120KA @ AC500V	RT36-2 300A gG	521531
2	315A	120KA @ AC500V	RT36-2 315A gG	521532
2	355A	120KA @ AC500V	RT36-2 355A gG	521533
2	400A	120KA @ AC500V	RT36-2 400A gG	521534
3	315A	120KA @ AC500V	RT36-3 315A gG	521535
3	355A	120KA @ AC500V	RT36-3 355A gG	521536
3	400A	120KA @ AC500V	RT36-3 400A gG	521537
3	425A	120KA @ AC500V	RT36-3 425A gG	521538
3	500A	120KA @ AC500V	RT36-3 500A gG	521539
3	630A	120KA @ AC500V	RT36-3 630A gG	521540
4	800A	120KA @ AC500V	RT36-4 800A gG	521541
4	1000A	120KA @ AC500V	RT36-4 1000A gG	521542
4	1250A	120KA @ AC500V	RT36-4 1250A gG	521543

Indicator	Poles	Matched Fuse	SKU	Code
N/A	1P	RT36-00	BASE RT36-00	521544
N/A	1P	RT36-1	BASE RT36-1 250A	521545
N/A	1P	RT36-2	BASE RT36-2 400A	521546
N/A	1P	RT36-3	BASE RT36-3 630A	521547
N/A	1P	RT36-4	BASE RT36-4 1250A	521548

2.0

Power Distribution Components

2.6 Capacitor Switch Contactor NXCC



General Description

NXCC series capacitor contactors are mainly used in power system with rated working voltage up to 690V, to input low-voltage reactive power compensation equipment or cut off low-voltage parallel capacitors.

Standard: IEC 60947-4-1

CE

- Rated operating current (AC-6b): 19 to 105A
- Rated operating voltage: AC220/230V, AC380/400V, AC660/690V
- Temperature scope: -35℃ ~+70℃

More built-in auxiliary contacts: up to 5 built-in auxiliary contacts, more convenient for customers' application.

Higher rated current for larger capacitor control: better performance for more safe control.

Wider temperature scope: suitable for harsh environment applications.

NXCC	-	25	12	110V	50/60Hz
Product Series		Conventional thermal current (Ith)	Telesignal	Control Voltage	Frequency
		25: 25A 32: 32A 43: 43A 63: 63A 95: 95A 115: 115A 150: 150A 170: 170A	12: 1NO+2NC (25~115A) 21: 2NO+1NC (25~115A) 23: 2NO+3NC (150~170A) 32: 3NO+2NC (150~170A)	110V: AC110V 127V: AC127V 220V: AC220V 380V: AC380V 415V: AC415V 440V: AC440V	50/60Hz

2.0

Power Distribution Components

NXCC SKU

	Ith	Main Contacts	Telesignal	Coil	SKU	Code
NXCC-25A	25A	3P	1NO+2NC	AC 110V 50/60Hz	NXCC-2512 110V 50/60Hz	506892
	25A	3P	1NO+2NC	AC 127V 50/60Hz	NXCC-2512 127V 50/60Hz	506893
	25A	3P	1NO+2NC	AC 220V 50/60Hz	NXCC-2512 220V 50/60Hz	506894
	25A	3P	1NO+2NC	AC 380V 50/60Hz	NXCC-2512 380V 50/60Hz	506895
	25A	3P	1NO+2NC	AC 415V 50/60Hz	NXCC-2512 415V 50/60Hz	506896
	25A	3P	1NO+2NC	AC 440V 50/60Hz	NXCC-2512 440V 50/60Hz	510247
	25A	3P	2NO+1NC	AC 110V 50/60Hz	NXCC-2521 110V 50/60Hz	506897
	25A	3P	2NO+1NC	AC 127V 50/60Hz	NXCC-2521 127V 50/60Hz	506898
	25A	3P	2NO+1NC	AC 220V 50/60Hz	NXCC-2521 220V 50/60Hz	506899
	25A	3P	2NO+1NC	AC 380V 50/60Hz	NXCC-2521 380V 50/60Hz	506900
	25A	3P	2NO+1NC	AC 415V 50/60Hz	NXCC-2521 415V 50/60Hz	506901
	25A	3P	2NO+1NC	AC 440V 50/60Hz	NXCC-2521 440V 50/60Hz	510248
NXCC-32A	32A	3P	1NO+2NC	AC 110V 50/60Hz	NXCC-3212 110V 50/60Hz	506902
	32A	3P	1NO+2NC	AC 127V 50/60Hz	NXCC-3212 127V 50/60Hz	506903
	32A	3P	1NO+2NC	AC 220V 50/60Hz	NXCC-3212 220V 50/60Hz	506904
	32A	3P	1NO+2NC	AC 380V 50/60Hz	NXCC-3212 380V 50/60Hz	506905
	32A	3P	1NO+2NC	AC 415V 50/60Hz	NXCC-3212 415V 50/60Hz	506906
	32A	3P	1NO+2NC	AC 440V 50/60Hz	NXCC-3212 440V 50/60Hz	510249
	32A	3P	2NO+1NC	AC 110V 50/60Hz	NXCC-3221 110V 50/60Hz	506907
	32A	3P	2NO+1NC	AC 127V 50/60Hz	NXCC-3221 127V 50/60Hz	506908
	32A	3P	2NO+1NC	AC 220V 50/60Hz	NXCC-3221 220V 50/60Hz	506909
	32A	3P	2NO+1NC	AC 380V 50/60Hz	NXCC-3221 380V 50/60Hz	506910
	32A	3P	2NO+1NC	AC 415V 50/60Hz	NXCC-3221 415V 50/60Hz	506911
	32A	3P	2NO+1NC	AC 440V 50/60Hz	NXCC-3221 440V 50/60Hz	510250
NXCC-43A	43A	3P	1NO+2NC	AC 110V 50/60Hz	NXCC-4312 110V 50/60Hz	506912
	43A	3P	1NO+2NC	AC 127V 50/60Hz	NXCC-4312 127V 50/60Hz	506913
	43A	3P	1NO+2NC	AC 220V 50/60Hz	NXCC-4312 220V 50/60Hz	506914
	43A	3P	1NO+2NC	AC 380V 50/60Hz	NXCC-4312 380V 50/60Hz	506915
	43A	3P	1NO+2NC	AC 415V 50/60Hz	NXCC-4312 415V 50/60Hz	506916
	43A	3P	1NO+2NC	AC 440V 50/60Hz	NXCC-4312 440V 50/60Hz	510251
	43A	3P	2NO+1NC	AC 110V 50/60Hz	NXCC-4321 110V 50/60Hz	506917
	43A	3P	2NO+1NC	AC 127V 50/60Hz	NXCC-4321 127V 50/60Hz	506918
	43A	3P	2NO+1NC	AC 220V 50/60Hz	NXCC-4321 220V 50/60Hz	506919
	43A	3P	2NO+1NC	AC 380V 50/60Hz	NXCC-4321 380V 50/60Hz	506920
	43A	3P	2NO+1NC	AC 415V 50/60Hz	NXCC-4321 415V 50/60Hz	506921
	43A	3P	2NO+1NC	AC 440V 50/60Hz	NXCC-4321 440V 50/60Hz	510252

2.0

Power Distribution Components

NXCC SKU

	Ith	Main Contacts	Telesignal	Coil	SKU	Code
NXCC-63A	63A	3P	1NO+2NC	AC 110V 50/60Hz	NXCC-6312 110V 50/60Hz	506922
	63A	3P	1NO+2NC	AC 127V 50/60Hz	NXCC-6312 127V 50/60Hz	506923
	63A	3P	1NO+2NC	AC 220V 50/60Hz	NXCC-6312 220V 50/60Hz	506924
	63A	3P	1NO+2NC	AC 380V 50/60Hz	NXCC-6312 380V 50/60Hz	506925
	63A	3P	1NO+2NC	AC 415V 50/60Hz	NXCC-6312 415V 50/60Hz	506926
	63A	3P	1NO+2NC	AC 440V 50/60Hz	NXCC-6312 440V 50/60Hz	510253
	63A	3P	2NO+1NC	AC 110V 50/60Hz	NXCC-6321 110V 50/60Hz	506927
	63A	3P	2NO+1NC	AC 127V 50/60Hz	NXCC-6321 127V 50/60Hz	506928
	63A	3P	2NO+1NC	AC 220V 50/60Hz	NXCC-6321 220V 50/60Hz	506929
	63A	3P	2NO+1NC	AC 380V 50/60Hz	NXCC-6321 380V 50/60Hz	506930
	63A	3P	2NO+1NC	AC 415V 50/60Hz	NXCC-6321 415V 50/60Hz	506931
	63A	3P	2NO+1NC	AC 440V 50/60Hz	NXCC-6321 440V 50/60Hz	510254
NXCC-95A	95A	3P	1NO+2NC	AC 110V 50/60Hz	NXCC-9512 110V 50/60Hz	506932
	95A	3P	1NO+2NC	AC 127V 50/60Hz	NXCC-9512 127V 50/60Hz	506933
	95A	3P	1NO+2NC	AC 220V 50/60Hz	NXCC-9512 220V 50/60Hz	506934
	95A	3P	1NO+2NC	AC 380V 50/60Hz	NXCC-9512 380V 50/60Hz	506935
	95A	3P	1NO+2NC	AC 415V 50/60Hz	NXCC-9512 415V 50/60Hz	506936
	95A	3P	1NO+2NC	AC 440V 50/60Hz	NXCC-9512 440V 50/60Hz	510255
	95A	3P	2NO+1NC	AC 110V 50/60Hz	NXCC-9521 110V 50/60Hz	506937
	95A	3P	2NO+1NC	AC 127V 50/60Hz	NXCC-9521 127V 50/60Hz	506938
	95A	3P	2NO+1NC	AC 220V 50/60Hz	NXCC-9521 220V 50/60Hz	506939
	95A	3P	2NO+1NC	AC 380V 50/60Hz	NXCC-9521 380V 50/60Hz	506940
	95A	3P	2NO+1NC	AC 415V 50/60Hz	NXCC-9521 415V 50/60Hz	506941
	95A	3P	2NO+1NC	AC 440V 50/60Hz	NXCC-9521 440V 50/60Hz	510256
NXCC-115A	115A	3P	1NO+2NC	AC 110V 50/60Hz	NXCC-11512 110V 50/60Hz	506862
	115A	3P	1NO+2NC	AC 127V 50/60Hz	NXCC-11512 127V 50/60Hz	506863
	115A	3P	1NO+2NC	AC 220V 50/60Hz	NXCC-11512 220V 50/60Hz	506864
	115A	3P	1NO+2NC	AC 380V 50/60Hz	NXCC-11512 380V 50/60Hz	506865
	115A	3P	1NO+2NC	AC 415V 50/60Hz	NXCC-11512 415V 50/60Hz	506866
	115A	3P	1NO+2NC	AC 440V 50/60Hz	NXCC-11512 440V 50/60Hz	510241
	115A	3P	2NO+1NC	AC 110V 50/60Hz	NXCC-11521 110V 50/60Hz	506867
	115A	3P	2NO+1NC	AC 127V 50/60Hz	NXCC-11521 127V 50/60Hz	506868
	115A	3P	2NO+1NC	AC 220V 50/60Hz	NXCC-11521 220V 50/60Hz	506869
	115A	3P	2NO+1NC	AC 380V 50/60Hz	NXCC-11521 380V 50/60Hz	506870
	115A	3P	2NO+1NC	AC 415V 50/60Hz	NXCC-11521 415V 50/60Hz	506871
	115A	3P	2NO+1NC	AC 440V 50/60Hz	NXCC-11521 440V 50/60Hz	510242

2.0

Power Distribution Components

NXCC SKU

	Ith	Main Contacts	Telesignal	Coil	SKU	Code
NXCC-150A	150A	3P	2NO+3NC	AC 110V 50/60Hz	NXCC-15023 110V 50/60Hz	506872
	150A	3P	2NO+3NC	AC 127V 50/60Hz	NXCC-15023 127V 50/60Hz	506873
	150A	3P	2NO+3NC	AC 220V 50/60Hz	NXCC-15023 220V 50/60Hz	506874
	150A	3P	2NO+3NC	AC 380V 50/60Hz	NXCC-15023 380V 50/60Hz	506875
	150A	3P	2NO+3NC	AC 415V 50/60Hz	NXCC-15023 415V 50/60Hz	506876
	150A	3P	2NO+3NC	AC 440V 50/60Hz	NXCC-15023 440V 50/60Hz	510243
	150A	3P	3NO+2NC	AC 110V 50/60Hz	NXCC-15032 110V 50/60Hz	506877
	150A	3P	3NO+2NC	AC 127V 50/60Hz	NXCC-15032 127V 50/60Hz	506878
	150A	3P	3NO+2NC	AC 220V 50/60Hz	NXCC-15032 220V 50/60Hz	506879
	150A	3P	3NO+2NC	AC 380V 50/60Hz	NXCC-15032 380V 50/60Hz	506880
	150A	3P	3NO+2NC	AC 415V 50/60Hz	NXCC-15032 415V 50/60Hz	506881
	150A	3P	3NO+2NC	AC 440V 50/60Hz	NXCC-15032 440V 50/60Hz	510244
NXCC-170A	170A	3P	2NO+3NC	AC 110V 50/60Hz	NXCC-17023 110V 50/60Hz	506882
	170A	3P	2NO+3NC	AC 127V 50/60Hz	NXCC-17023 127V 50/60Hz	506883
	170A	3P	2NO+3NC	AC 220V 50/60Hz	NXCC-17023 220V 50/60Hz	506884
	170A	3P	2NO+3NC	AC 380V 50/60Hz	NXCC-17023 380V 50/60Hz	506885
	170A	3P	2NO+3NC	AC 415V 50/60Hz	NXCC-17023 415V 50/60Hz	506886
	170A	3P	2NO+3NC	AC 440V 50/60Hz	NXCC-17023 440V 50/60Hz	510245
	170A	3P	3NO+2NC	AC 110V 50/60Hz	NXCC-17032 110V 50/60Hz	506887
	170A	3P	3NO+2NC	AC 127V 50/60Hz	NXCC-17032 127V 50/60Hz	506888
	170A	3P	3NO+2NC	AC 220V 50/60Hz	NXCC-17032 220V 50/60Hz	506889
	170A	3P	3NO+2NC	AC 380V 50/60Hz	NXCC-17032 380V 50/60Hz	506890
	170A	3P	3NO+2NC	AC 415V 50/60Hz	NXCC-17032 415V 50/60Hz	506891
	170A	3P	3NO+2NC	AC 440V 50/60Hz	NXCC-17032 440V 50/60Hz	510246

2.0

Power Distribution Components

2.7 Reactor CKSG



General Description

CKSG series low-voltage series-connected reactors are designed to be used in combination with capacitors to suppress and absorb harmonics, protect capacitors, avoid the impact of harmonic current and surge voltage and current, improve the quality of the power grid, increase power factor, and extend the life of capacitors.

- Rated voltage: 0.35kV, 0.525kV, 0.7kV, 0.84kV, 0.98kV, 1.05kV, 1.12kV, 1.4kV, 1.75kV, 2.1kV, 2.45kV, 2.8kV, 3.15kV, 3.5kV, 4.2kV, 4.9kV, 5.6kV
- Reactance rate: 7%
- Max. ambient temperature: 40°C, Min. ambient temperature: -25°C
- Altitude: ≤2000 m
- Structure: Three-phase three-limb, dry-type iron-core reactors
- Features: Compact design, low noise, reduced temperature rise, and extended capacitor life

CK	S	G	- □	/ □	- □
Series-connected reactor	S: three-phase, D: single-phase	Dry-type	Nominal capacity: kvar	Nominal voltage: kV	Resistance rate

2.0

Power Distribution Components

CKSG SKU

Capacity Capacitor Kvar	Norminal Capacity Kvar	SKU	Ordering Code
10	0.7	CKSG-0.7/0.45-7	788023
12	0.84	CKSG-0.84/0.45-7	788024
14	0.98	CKSG-0.98/0.45-7	788025
15	1.05	CKSG-1.05/0.45-7	788026
16	1.12	CKSG-1.12/0.45-7	788027
20	1.4	CKSG-1.4/0.45-7	788030
25	1.75	CKSG-1.75/0.45-7	788033
30	2.1	CKSG-2.1/0.45-7	788034
35	2.45	CKSG-2.45/0.45-7	788036
40	2.8	CKSG-2.8/0.45-7	788037
45	3.15	CKSG-3.15/0.45-7	788038
50	3.5	CKSG-3.5/0.45-7	788039
60	4.2	CKSG-4.2/0.45-7	788041
80	5.6	CKSG-5.6/0.45-7	788042

2.0

Power Distribution Components

2.8 Capacitor

2.8.1 NWC6



General Description

NWC6 series dry low-voltage shunt capacitor is designed for power frequency AC systems with nominal voltage up to 1000V to improve power factor, reduce line loss, and enhance voltage quality. It features compact size, easy installation, and advanced technology.

- Rated voltage: 0.23kV, 0.25kV, 0.4kV, 0.45kV, 0.48kV, 0.525kV
- Rated frequency: 50Hz or 60Hz
- Rated capacity: 5 ~ 40kvar

N	WC	6	- □	- □	- □
Enterprise Code	Self-healing low -voltage shunt capacitor	Design No.	Rated voltage (kV)	Rated capacity (kvar)	Phase number: 3-Three-phase 1-Single-phase

Note: The default rated frequency is 50Hz. For products with the rated frequency of 60Hz, mark 60Hz.

2.0

Power Distribution Components

NWC6 SKU

DSKU	Ordering Code
NWC6-0.13-1-1 (60Hz)	392455
NWC6-0.13-3-1 (60Hz)	392456
NWC6-0.23-0.5-3T 60 Hz	440748
NWC6-0.23-0.75-3T 60 Hz	440749
NWC6-0.23-1-1 (60Hz)	392453
NWC6-0.23-1-3	799047
NWC6 0.23-1-3 60HZ	195292
NWC6-0.23-1-3T 60Hz	330176
NWC6-0.23-1.5-3T 60 Hz	440750
NWC6-0.23-10-3	799052
NWC6-0.23-10-3 60Hz	308713
NWC6-0.23-15-3 60Hz	308712
NWC6-0.23-2-3	799048
NWC6 0.23-2-3 60HZ	195293
NWC6-0.23-2-3T 60Hz	330177
NWC6-0.23-2.5-3T 60 Hz	440751
NWC6-0.23-20-3 60Hz	308714
NWC6-0.23-25-3 60Hz	330926
NWC6-0.23-3-1 (60Hz)	392454
NWC6-0.23-3-3	799049
NWC6-0.23-3-3 60Hz	308709
NWC6-0.23-3-3T 60Hz	330178
NWC6-0.23-4-3T 60Hz	330179
NWC6-0.23-5-3	799050
NWC6-0.23-5-3 60Hz	308710
NWC6-0.23-7.5-3	799051
NWC6-0.23-7.5-3 60Hz	308711
NWC6-0.25-1-3	799053
NWC6 0.25-1-3 60Hz	218728
NWC6-0.25-10-3	799058
NWC6 0.25-10-3 60Hz	218733
NWC6-0.25-15-3 60HZ	330172
NWC6-0.25-2-3	799054
NWC6 0.25-2-3 60Hz	218729
NWC6-0.25-20-3 60HZ	330173
NWC6-0.25-25-3 60HZ	330174
NWC6-0.25-3-3	799055
NWC6 0.25-3-3 60Hz	218730
NWC6-0.25-30-3 60HZ	330175

2.0

Power Distribution Components

NWC6 SKU

SKU	Ordering Code
NWC6 0.48-15-3	256982
NWC6 0.48-15-3 60Hz	308735
NWC6 0.48-15-3YN	256997
NWC6-0.48-2-3T 60 Hz	440757
NWC6-0.48-2.5-3T-60 Hz	442813
NWC6 0.48-20-3	256983
NWC6 0.48-20-3 60Hz	308736
NWC6 0.48-20-3YN	257107
NWC6 0.48-25-3	256984
NWC6 0.48-25-3 60Hz	308737
NWC6 0.48-25-3YN	257108
NWC6-0.48-3-3T-60 Hz	442814
NWC6 0.48-30-3	256985
NWC6 0.48-30-3 60Hz	308738
NWC6 0.48-30-3YN	257109
NWC6 0.48-40-3	256986
NWC6 0.48-40-3 60Hz	308739
NWC6 0.48-5-3	256979
NWC6 0.48-5-3 60Hz	308733
NWC6 0.48-5-3YN	256994
NWC6 0.48-7.5-3	256980
NWC6 0.48-7.5-3 60Hz	308732
NWC6 0.48-7.5-3YN	256995
NWC6-0.525-10-3	799041
NWC6-0.525-10-3 60Hz	308745
NWC6-0.525-12-3	799063
NWC6-0.525-12-3 60Hz	308746
NWC6-0.525-14-3	799064
NWC6-0.525-14-3 60Hz	308747
NWC6-0.525-15-3	799042
NWC6-0.525-15-3 60Hz	308748
NWC6-0.525-20-3	799043
NWC6-0.525-20-3 60Hz	308749
NWC6-0.525-25-3	799044

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Power Distribution Components

NWC6 SKU

SKU	Ordering Code
NWC6-0.525-25-3 60Hz	308750
NWC6-0.525-30-3	799045
NWC6-0.525-30-3 60Hz	308751
NWC6 0.525-40-3	255890
NWC6 0.525-40-3 60Hz	308752
NWC6-0.525-5-3	799039
NWC6-0.525-5-3 60Hz	308740
NWC6 0.525-6-3T	256976
NWC6 0.525-6-3T 60Hz	308741
NWC6-0.525-7.5-3	799040
NWC6-0.525-7.5-3 60Hz	308744
NWC6 0.525-7.5-3T	256977
NWC6 0.525-7.5-3T 60Hz	308742
NWC6 0.525-8-3T	256978
NWC6 0.525-8-3T 60Hz	308743

2.0

Power Distribution Components

2.8.2 NWC5



General Description

Edectric ratings: ≤AC1000V.
Application: Newly developed energy-saving productfor improvement of power factor and power quality; NWC5 series isOil-immersedcapacitor, the filling medium is first grade rapeseedoil , cylindrical aluminumtensileshell, Built-inexplosion-proof device and discharge resistance,heat dissipationperformance is good.

Standards: IEC/EN 60831-1:2014 IEC/EN 60831-2:2014

- Rated voltage: 0.23, 0.4, 0.45, 0.48, 0.525kV
- Rated frequency: 50Hz or 60Hz.
- Rated capacity: (1～40)kVar
- Capacity error: -5～+10%;
- Dielectric loss tangent value: ≤0.0012,at rated power frequency voltage
- Max. allowed over-voltage: 1.1Un, not exceed 8h in 24h
- Max. allowed over-current: 1.3In(1.6 In, 2h/24h; 2.0 In, 30min/24h)
- Having Self-discharging property: power off,voltage reduces from 2 Un (DC) to 75V and below within 3min.
- Model and Specifications
- Inrush current: 200In
- Withstand voltage: interelectrode, power frequency 2.15UN, 10s
- Withstand voltage: pole-to-case, power frequency 3.6kV, 60s
- Losses : ≤0.2W/kvar
- Use safety : over-pressure protection device,self-healing
- Network harmonic requirement : THDU ≤5% , THDI≤20%
- Fixing: Threaded bolt M12 and M16
- Expected life: ≥170,000 h

NWC5	□	- □	- □	□
Shunt Capacitor	Rated Voltage	Rated Capacity	Number of phase	With Inductor

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Power Distribution Components

NWC5 SKU

SKU	Code
NWC5 0.23-1-1 60HZ	472007
NWC5 0.23-10-1 60Hz	472011
NWC5-0.23-10-3	519074
NWC5 0.23-10-3	519056
NWC5 0.23-10-3 60Hz	519119
NWC5-0.23-12-3	519075
NWC5 0.23-12-3 60Hz	519117
NWC5 0.23-12.5-1 60Hz	472012
NWC5 0.23-12.5-3 60Hz	519101
NWC5 0.23-15-1 60Hz	472013
G NWC5 0.23-15-3 60Hz	254382
NWC5 0.23-15-3 60Hz	519120
NWC5 0.23-2.5-3	519054
NWC5 0.23-2.5-3 60Hz	519137
NWC5 0.23-20-1 60Hz	472014
NWC5 0.23-20-3 60Hz	519121
G NWC5 0.23-20-3 60Hz	254380
NWC5 0.23-25-1 60Hz	472015
NWC5 0.23-25-3 60Hz	254381
NWC5 0.23-3-1 60HZ	472008
NWC5-0.23-3-3	519071
NWC5-0.23-3-3 60Hz	308685
NWC5 0.23-3.3-3 60Hz	206356
NWC5 0.23-30-3 60Hz	254383
NWC5 0.23-5-1 60HZ	472009
NWC5 0.23-5-3	519055
NWC5-0.23-5-3	519072
NWC5 0.23-5-3 60Hz	519118
NWC5 0.23-7.5-1 60HZ	472010
NWC5-0.23-7.5-3	519073
NWC5 0.23-7.5-3 60Hz	519100
NWC5-0.25-10-3	519079
NWC5 0.25-10-3 60Hz	519128

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Power Distribution Components

NWC5 SKU

SKU	Code
NWC5-0.25-12-3	519080
NWC5-0.25-12-3 60Hz	308686
NWC5-0.25-12.5-3	519081
NWC5 0.25-12.5-3 60HZ	519086
NWC5 0.25-2.5-3 60Hz	104837
NWC5 0.25-20-3 60Hz	519129
NWC5 0.25-25-3 60Hz	519130
NWC5-0.25-3-3	519076
NWC5 0.25-3-3 60Hz	519125
NWC5 0.25-4-3 60Hz	519126
NWC5-0.25-5-3	519077
NWC5 0.25-5-3 60Hz	104696
NWC5-0.25-7.5-3	519078
NWC5 0.25-7.5-3 60Hz	519127
NWC5 0.4-10-3	519025
NWC5 0.4-10-3 60Hz	519098
NWC5 0.4-12-3	519035
NWC5 0.4-12-3 60Hz	519144
NWC5 0.4-14-3	519047
NWC5 0.4-15-3	519036
NWC5 0.4-15-3 60Hz	519123
NWC5 0.4-16-3	519048
NWC5 0.4-18-3	519049
NWC5 0.4-2.5-3	519063
NWC5 0.4-20-3	519024
NWC5 0.4-20-3 60Hz	519099
NWC5 0.4-25-3	519030
NWC5 0.4-25-3 60Hz	519124
NWC5 0.4-30-3	519136
NWC5 0.4-40-3	255891
NWC5 0.4-5-3	519042
NWC5 0.4-5-3 60Hz	519097
NWC5 0.4-6-3T	257110
NWC5 0.4-7.5-3	519058
NWC5 0.4-7.5-3 60Hz	519145
NWC5 0.4-7.5-3T	257111
NWC5 0.4-8-3	257119
NWC5 0.4-8-3T	257112
NWC5 0.415-10-3	519065

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Power Distribution Components

NWC5 SKU

SKU	Code
NWC5 0.415-12.5-3	519066
NWC5 0.415-15-3	519067
NWC5 0.415-20-3	519068
NWC5 0.415-25-3	519069
NWC5 0.415-7.5-3	519064
NWC5 0.45-1.5-3	519083
NWC5 0.45-1.5-3 60Hz	308691
NWC5 0.45-10-3	519026
NWC5 0.45-10-3 60Hz	519091
NWC5 0.45-12-3	519037
NWC5 0.45-12-3 60Hz	519139
NWC5 0.45-12.5-3	519044
NWC5 0.45-12.5-3 60Hz	519138
NWC5 0.45-14-3	519038
NWC5 0.45-14-3 60Hz	519140
NWC5 0.45-15-3	519027
NWC5 0.45-15-3 60Hz	519092
NWC5 0.45-16-3	519039
NWC5 0.45-16-3 60Hz	519141
NWC5 0.45-18-3	519040
NWC5 0.45-18-3 60Hz	519142
NWC5 0.45-2.5-3	519084
NWC5 0.45-2.5-3 60Hz	308692
NWC5 0.45-20-3	519028
NWC5 0.45-20-3 60Hz	519106
NWC5 0.45-25-3	519029
NWC5 0.45-25-3 60Hz	519122
NWC5-0.45-3-3T	256703
NWC5-0.45-3-3T 60Hz	308687
NWC5 0.45-40-3	255892
NWC5 0.45-40-3 60Hz	308693
NWC5 0.45-5-1	519045
NWC5 0.45-5-1 60Hz	519143
NWC5 0.45-5-3	519043
NWC5 0.45-5-3 60Hz	519090
NWC5 0.45-6-3T	257113
NWC5 0.45-6-3T 60Hz	308688
NWC5 0.45-7.5-3	519053
NWC5 0.45-7.5-3 60Hz	519105

2.0

Power Distribution Components

NWC5 SKU

SKU	Code
NWC5 0.45-7.5-3T	257114
NWC5 0.45-7.5-3T 60Hz	308689
NWC5 0.45-8-3	257120
NWC5 0.45-8-3 60Hz	308694
NWC5 0.45-8-3T	257115
NWC5 0.45-8-3T 60Hz	308690
NWC5 0.46-2.5-3 60Hz	206357
NWC5 0.46-3.3-3 60Hz	206358
NWC5 0.48-10-3	257124
NWC5 0.48-10-3 60Hz	519134
NWC5 0.48-12-3	257125
NWC5 0.48-12-3 60Hz	308695
NWC5 0.48-12.5-3 60Hz	519102
NWC5 0.48-14-3	257126
NWC5 0.48-14-3 60Hz	308696
NWC5 0.48-15-3	257127
NWC5 0.48-15-3 60Hz	308697
NWC5 0.48-16-3	257128
NWC5 0.48-16-3 60Hz	308698
NWC5 0.48-18-3	257129
NWC5 0.48-18-3 60Hz	308699
NWC5 0.48-2.5-3 60Hz	104838
NWC5 0.48-20-3	257130
NWC5 0.48-20-3 60Hz	519135
NWC5 0.48-25-3	519082
NWC5 0.48-25-3 60HZ	519085
NWC5 0.48-3-3 60Hz	519131
NWC5 0.48-30-3	257131
NWC5 0.48-30-3 60Hz	308700
NWC5 0.48-4-3 60Hz	519132
NWC5 0.48-40-3	257132
NWC5 0.48-40-3 60Hz	308701
NWC5 0.48-5-3	257122
NWC5 0.48-5-3 60Hz	104697
NWC5 0.48-7.5-3	257123
NWC5 0.48-7.5-3 60Hz	519133
NWC5 0.525-10-3	519041
NWC5 0.525-10-3 60Hz	519104
NWC5 0.525-12-3	519050

2.0

Power Distribution Components

NWC5 SKU

SKU	Code
NWC5 0.525-12-3 60Hz	308706
NWC5 0.525-14-1	519046
NWC5 0.525-14-3	519051
NWC5 0.525-14-3 60Hz	219847
NWC5 0.525-15-3	519052
NWC5 0.525-15-3 60Hz	519094
NWC5 0.525-16-3	519032
NWC5 0.525-16-3 60Hz	219848
NWC5 0.525-18-3	519033
NWC5 0.525-18-3 60Hz	219849
NWC5 0.525-20-3	519031
NWC5 0.525-20-3 60Hz	206359
NWC5 0.525-25-3	519034
NWC5 0.525-25-3 60Hz	519095
NWC5 0.525-30-3	519070
NWC5 0.525-30-3 60Hz	308707
NWC5 0.525-40-3	255893
NWC5 0.525-40-3 60Hz	308708
NWC5 0.525-5-3	519057
NWC5 0.525-5-3 60Hz	519093
NWC5 0.525-6-3T	257116
NWC5 0.525-6-3T 60Hz	308702
NWC5 0.525-7.5-3	519062
NWC5 0.525-7.5-3 60Hz	519103
NWC5 0.525-7.5-3T	257117
NWC5 0.525-7.5-3T 60Hz	308703
NWC5 0.525-8-3	257121
NWC5 0.525-8-3 60Hz	308705
NWC5 0.525-8-3T	257118
NWC5 0.525-8-3T 60Hz	308704

2.0

Power Distribution Components

2.8.3 BAGB



General Description

BAGB series intelligent low-voltage shunt capacitors are designed for automatic reactive power compensation in LV AC distribution systems up to 0.4kV. They feature compact size, low power consumption, modular structure, and high reliability, with advanced algorithms for optimized switching.

- Rated voltage: 450V
- Rated capacity: 5 ~ 60 kvar
- Compensation modes: Three-phase simultaneous compensation
- Switching delay: Advanced zero-cross detection synchronous switching
- Over-voltage protection: 400V ~ 480V
- Under-voltage protection: 280V ~ 360V
- Over-temperature protection: 40°C ~ 80°C
- Switching life: ≥300,000 cycles
- Safety: Built-in explosion-proof over-pressure protection
- Communication: Supports host computer communication

B	A	□	□	- □	(□ + □)
Series code Total capacity of Intelligent Capacitor (kvar)	Auto Control	Compensation modes: GB means three-phase simultaneous compensation, FB means phase-splitting compensation	Rated Voltage (V)	Total capacity of Intelligent Capacitor (kvar)	Make up the simultaneous complementary capacity of the primary circuit and the secondary circuit, there is no such requirement in the phase-splitting compensation.

2.0

Power Distribution Components

BABG SKU

SKU	Ordering Code
BAGB 450-10(5+5)	263785
BAGB 450-20(5+10)	263786
BAGB 450-20(10+10)	263787
BAGB 450-25(10+15)	446239
BAGB 450-30(10+20)	263788
BAGB 450-30(15+15)	263789
BAGB 450-35(15+20)	266805
BAGB 450-40(20+20)	263790
BAGB 450-50(20+30)	308969
BAGB 450-50(25+25)	263791
BAGB 450-60(30+30)	263792
BAGB 480-20/7	402306
BAGB 480-25/7	402307
BAGB 480-30/7	402308
BAGB 480-40/7	402309

2.0

Power Distribution Components

2.9 Digital Meter PD666



General Description

PD666 series three-phase digital multi-function meters are designed for measuring three-phase current, voltage, active power, reactive power, power factor, frequency, and import/export of electrical energy. They support RS485 communication with Modbus-RTU protocol and baud rate setting.

- Voltage: AC 450V
- Current: AC 5A
- Frequency: 45Hz~65Hz
- Accuracy: Class 0.5
- Auxiliary Power Supply: AC/DC 85-264V
- Display: LCD or LED
- Operating Temperature: -10℃ ~ +45℃
- Storage Temperature: -25℃ ~ +70℃
- Communication: RS485, Modbus-RTU
- Extensible digital output function

P	D	666	3	S	T	3
Panel Meter	Meter Type	Design Code	Panel Size	Signal Input	Additional Function	Display Type
	A:Ammeter Z:Voltmeter D:Multifunction Meter		1:96mmx48mm 2:72mmx72mm 3:96mmx96mm 4:48mmx48mm 6:80mmx80mm 8:120mmx120mm	Null:signal-phase D:direct current S:three-phase	K:DO-Relay contacts,upper andlower limitalarm output or remote control output. B:Analog output T:RS485 Communication (AllPD meterswith Communication function)	3:LCD 4:LED(3 line4digitals) Nulli:PA/PZdefaultLED display

2.0

Power Distribution Components

Digital meter-PD666 SKU

SKU	Ordering Code
PD666-2S3 380V 5A	765256
PD666-2S3 3×450V 3×*A/5A	313303
PD666-2S4 380V 5A	219862
PD666-2S4 3×450V 3×*A/5A	313305
PD666-2SK3 3×450V 3×*A/5A	313304
PD666-2SK4 3×450V 3×*A/5A	313306
PD666-3S3 380V 5A	765096
PD666-3S3 3×450V 3×*A/5A	313307
PD666-3S4 380V 5A	765094
PD666-3S4 3×450V 3×*A/5A	313309
PD666-3SK3 3×450V 3×*A/5A	313308
PD666-3SK4 3×450V 3×*A/5A	313310
PD666-6S4 380V 5A	219863
PD666-8S3 380V 5A	765097
G PD666-8S3 3×450V 3×*A/5A	455912
PD666-8S4 380V 5A	765095

2.0

Power Distribution Components

2.10 Surge Protective Device NXU-I+II



General Description

NXU-I+II surge protective device conforms to IEC/EN 61643-11 standard. It is applicable to the power distribution and control system with AC 50/60Hz and rated voltage of single phase 230V. It meets the requirements of SPD Level I and II tests and is used to suppress the transient over-voltage lower than the impulse withstand over-voltage of equipment, discharge the surge energy and protect the system circuit and equipment. Main functional characteristics of surge protective device: It has L-PE, N-PE, L-N protection modes, and is suitable for various power grid systems; with aging and overheating protection, body deterioration indication, plug-in structure, optional remote alarm function.

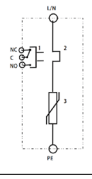
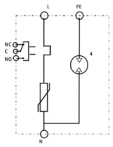
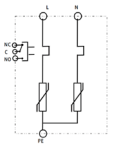
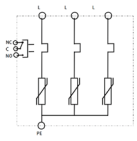
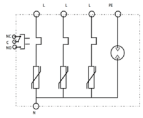
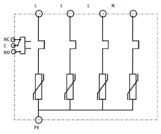
- Rate maximum continuous operational voltage: 275V, 385V
- Maximum discharge current(8/20μs)Imax: 50kA
- Level of protection Up: 1.5kV for 275V; 1.8kV for 385V
- Telesignal function: Optional
- Ambient temperature: -40 to +70°C

NXU	I+II	/F	12.5	275	1P
Product Type	**Test Class**	**Telesignal Function**	**Iimp(10/350μs)(kA)**	**Maximum Continuous Operational Voltage(Uc)(V)**	**Poles**
NXU	I+II	Blank: without /F: with	12.5	275 385	1P 1P+N 2P 3P 3P+N 4P

2.0

Power Distribution Components

SPD I+II -NXU

Diagram	Test Class	Iimp(10/350μs) (kA)	Imax(8/20μs) (kA)	Uc(V)	Poles	Telesignal	SKU	Code
	I+II	12.5	50	275	1P	N	NXU- Ⅰ + Ⅱ 12.5/275 1P	308606
	I+II	12.5	50	275	1P	Y	NXU- Ⅰ + Ⅱ /F 12.5/275 1P	308600
	I+II	12.5	50	385	1P	N	NXU- Ⅰ + Ⅱ 12.5/385 1P	308595
	I+II	12.5	50	385	1P	Y	NXU- Ⅰ + Ⅱ /F 12.5/385 1P	308613
	I+II	12.5	50	275	1P+N	N	NXU- Ⅰ + Ⅱ 12.5/275 1P+N	308598
	I+II	12.5	50	275	1P+N	Y	NXU- Ⅰ + Ⅱ /F 12.5/275 1P+N	308610
	I+II	12.5	50	385	1P+N	N	NXU- Ⅰ + Ⅱ 12.5/385 1P+N	308611
	I+II	12.5	50	385	1P+N	Y	NXU- Ⅰ + Ⅱ /F 12.5/385 1P+N	308615
	I+II	12.5	50	275	2P	N	NXU- Ⅰ + Ⅱ 12.5/275 2P	308612
	I+II	12.5	50	275	2P	Y	NXU- Ⅰ + Ⅱ /F 12.5/275 2P	308596
	I+II	12.5	50	385	2P	N	NXU- Ⅰ + Ⅱ 12.5/385 2P	308592
	I+II	12.5	50	385	2P	Y	NXU- Ⅰ + Ⅱ /F 12.5/385 2P	308608
	I+II	12.5	50	275	3P	N	NXU- Ⅰ + Ⅱ 12.5/275 3P	308604
	I+II	12.5	50	275	3P	Y	NXU- Ⅰ + Ⅱ /F 12.5/275 3P	308594
	I+II	12.5	50	385	3P	N	NXU- Ⅰ + Ⅱ 12.5/385 3P	308601
	I+II	12.5	50	385	3P	Y	NXU- Ⅰ + Ⅱ /F 12.5/385 3P	308597
	I+II	12.5	50	275	3P+N	N	NXU- Ⅰ + Ⅱ 12.5/275 3P+N	308618
	I+II	12.5	50	275	3P+N	Y	NXU- Ⅰ + Ⅱ /F 12.5/275 3P+N	308603
	I+II	12.5	50	385	3P+N	N	NXU- Ⅰ + Ⅱ 12.5/385 3P+N	308619
	I+II	12.5	50	385	3P+N	Y	NXU- Ⅰ + Ⅱ /F 12.5/385 3P+N	308616
	I+II	12.5	50	275	4P	N	NXU- Ⅰ + Ⅱ 12.5/275 4P	308609
	I+II	12.5	50	275	4P	Y	NXU- Ⅰ + Ⅱ /F 12.5/275 4P	308617
	I+II	12.5	50	385	4P	N	NXU- Ⅰ + Ⅱ 12.5/385 4P	308602
	I+II	12.5	50	385	4P	Y	NXU- Ⅰ + Ⅱ /F 12.5/385 4P	308614



3.0 Industrial Control Components

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3.4 Soft Starter

3.4.1 NJRP5 95

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3.5 Contactor

3.5.1 NC8 101

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3.12 Load Switch NF2 163

3.13 Cam Switch LW32 168

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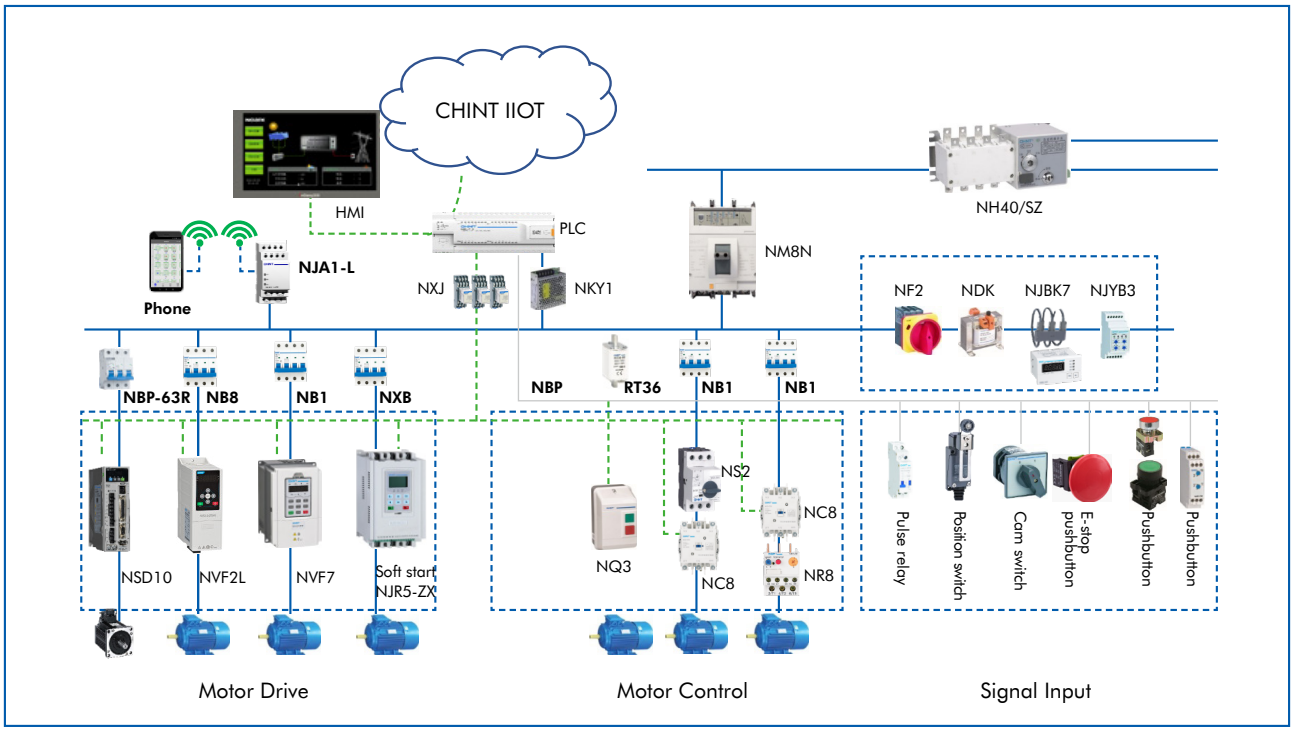
3.17 Control Transformer NDK 175



3.0

Industrial Control Components

3.1 Product Solutions



Typical application and reference



Spain | Panel Power Distribution Project for an Elevator Manufacturer



Finland | Power Distribution Project for an Elevator Manufacturer



Singapore | Power Distribution Project for a Semiconductor Manufacturer



India | Power Distribution Project for an Air Conditioning Manufacturer



Algeria | Power Distribution Project for a Generator Manufacturer



Australia | Power Distribution Project for a Paper Manufacturer



China | Power Distribution Project for a Lifting Machinery Manufacturer



China | PLow-voltage Power Distribution Project for an Elevator Manufacturer

3.0

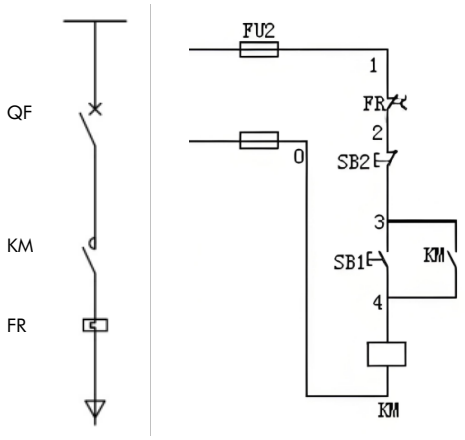
Industrial Control Components

3.2 Motor Start and control mode

3.2.1 Direct on line Start

- **System voltage:** 380/400/415V, 50/60Hz
- **Motor starting period:** Normal duty starting, tripping class 10A, 2S≤tripping time ≤ 10S
  Heavy duty starting, tripping class 30, 9S≤tripping time ≤ 30S
- **Operating frequency:** 80% load rate, the operation frequency < 15 times per hour
  50% load rate, the operation frequency < 30 times per hour
- **Environment temperature:** < 55℃

Working Principal



Symbol	Product Name
QF	Circuit Breaker
KM	Contactor
FR	Thermal Overload Relay
FU	Fuse
SB1,2	Push Button

3.0

Industrial Control Components

Product Selection

Motor		Circuit Breaker		Contactor	Thermal Overload Relay	
Rated Power kW	Rated Current A	Model	Instantaneous Tripping Current A	Forward	Backward	Current setting range A
0.37	1.1	NS2-25M 1.6A	22.5	NC8-09	NR8-38 0.9A-1.25A	0.9-1.25
0.55	1.5	NS2-25M 1.6A	22.5	NC8-09	NR8-38 1.4A-2A	1.4-2
0.75	1.9	NS2-25M 2.5A	33.5	NC8-09	NR8-38 1.8A-2.5A	1.8-2.5
1.1	2.7	NS2-25M 4A	51	NC8-18	NR8-38 2.2A-3.2A	2.2-3.2
1.5	3.6	NS2-25M 4A	51	NC8-18	NR8-38 3.5A-5A	3.5-5
2.2	4.9	NS2-25M 6.3A	78	NC8-25	NR8-38 4.5A-6.3A	4.5-6.3
3	6.5	NS2-25M 10A	138	NC8-25	NR8-38 5.5A-8A	5.5-8
4	8.5	NS2-25M 10A	138	NC8-32	NR8-38 7.5A-10A	7.5-10
5.5	11.5	NM8N-125Q M 16	192	NC8-32	NR8-38 9A-13A	9-13
7.5	15.5	NM8N-125Q M 20	240	NC8-32	NR8-38 14A-20A	14-20
9	18.1	NM8N-125Q M 25	300	NC8-32	NR8-38 18A-24A	18-24
11	22	NM8N-125Q M 32	384	NC8-32	NR8-38 18A-24A	18-24
15	29	NM8N-125Q M 50	600	NC8-50	NR8-100 23A-32A	23-32
18.5	35	NM8N-125Q M 50	600	NC8-50	NR8-100 30A-40A	30-40
22	41	NM8N-125Q M 50	600	NC8-50	NR8-100 37A-50A	37-50
30	55	NM8N-125Q M 80	960	NC8-80	NR8-100 48A-65A	48-65
37	66	NM8N-125Q M 80	960	NC8-80	NR8-100 63A-80A	63-80
45	80	NM8N-125Q M 100	1500	NC8-115	NR8-200 80A-160A	80-160
55	97	NM8N-125Q M 125	1500	NC8-150	NR8-200 80A-160A	80-160
75	132	NM8N-250Q M 200	1800	NC8-170	NR8-200 100A-200A	100-200
90	160	NM8N-250Q M 200	2200	NC8-205	NR8-630 125A-250A	125-250
110	195	NM8N-250Q M 250	2750	NC8-265	NR8-630 200A-400A	200-400
132	230	NM8N-400Q ENM 400	3200	NC8-300	NR8-630 200A-400A	200-400
160	280	NM8N-400Q ENM 400	4000	NC8-300	NR8-630 200A-400A	200-400
200	350	NM8N-630Q ENM 630	5040	NC8-400	NR8-630 315A-630A	315-630
220	387	NM8N-630Q ENM 630	6300	NC8-500	NR8-630 315A-630A	315-630
250	439	NM8N-630Q ENM 630	6300	NC8-500	NR8-630 315A-630A	315-630
290	520	NM8N-800Q ENM 800	7200	NC8-630	NJBK7-800 200A-800A	200A-800
315	540	NM8N-800Q ENM 800	8000	NC8-630	NJBK7-800 200A-800A	200A-800
355	610	NM8N-800Q ENM 800	8800	NC8-800	NJBK7-800 200A-800A	200A-800

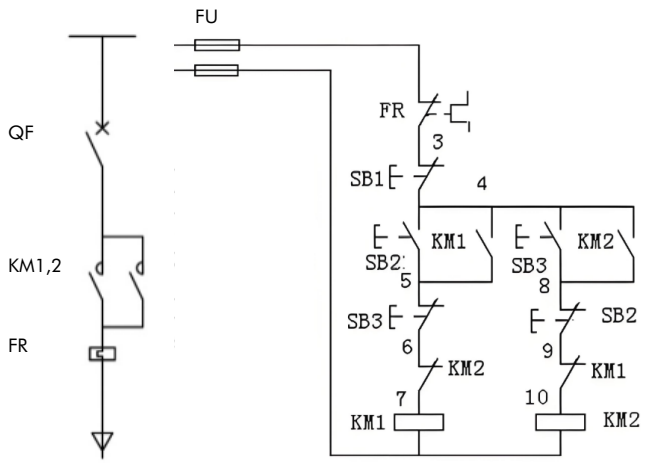
3.0

Industrial Control Components

3.2.2 Forward and Reverse

- **System voltage:** 380/400/415V, 50/60Hz
- **Motor starting period:** Normal duty starting, tripping class 10A, 2S≤tripping time ≤ 10S
  Heavy duty starting, tripping class 30, 9S≤tripping time ≤ 30S
- **Operating frequency:** 80% load rate, the operation frequency < 15 times per hour
  50% load rate, the operation frequency < 30 times per hour
- **Environment temperature:** < 55℃

Working Principal



Symbol	Product Name
QF	Circuit Breaker
KM1,2	Contactor
FR	Thermal Overload Relay
FU	Fuse
SB1,2,3	Push Button

3.0

Industrial Control Components

Product Selection

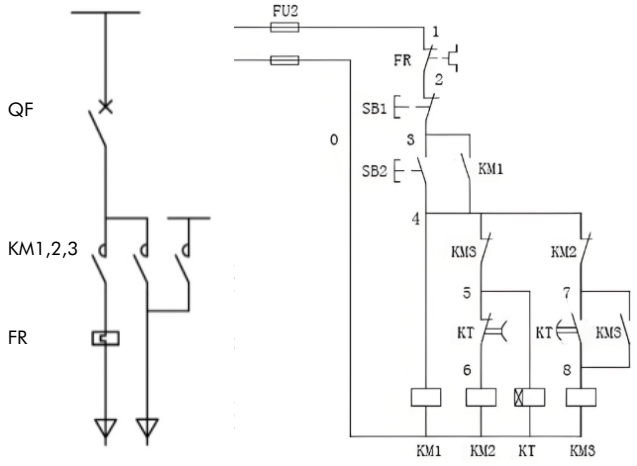
Motor		Circuit Breaker		Contactor		Thermal Overload Relay	
Rated Power kW	Rated Current A	Model	Instantaneous Tripping current A	Forward	Backward	Model	Current Setting Range A
0.37	1.1	NS2-25M 1.6A	22.5	NC8-09	NC8-09	NR8-38 0.9A-1.25A	0.9-1.25
0.55	1.5	NS2-25M 1.6A	22.5	NC8-09	NC8-09	NR8-38 1.4A-2A	1.4-2
0.75	1.9	NS2-25M 2.5A	33.5	NC8-09	NC8-09	NR8-38 1.8A-2.5A	1.8-2.5
1.1	2.7	NS2-25M 4A	51	NC8-18	NC8-18	NR8-38 2.2A-3.2A	2.2-3.2
1.5	3.6	NS2-25M 4A	51	NC8-18	NC8-18	NR8-38 3.5A-5A	3.5-5
2.2	4.9	NS2-25M 6.3A	78	NC8-25	NC8-25	NR8-38 4.5A-6.3A	4.5-6.3
3	6.5	NS2-25M 10A	138	NC8-25	NC8-25	NR8-38 5.5A-8A	5.5-8
4	8.5	NS2-25M 10A	138	NC8-32	NC8-32	NR8-38 7.5A-10A	7.5-10
5.5	11.5	NM8N-125Q M 16	192	NC8-32	NC8-32	NR8-38 9A-13A	9-13
7.5	15.5	NM8N-125Q M 20	240	NC8-32	NC8-32	NR8-38 14A-20A	14-20
9	18.1	NM8N-125Q M 25	300	NC8-32	NC8-32	NR8-38 18A-24A	18-24
11	22	NM8N-125Q M 32	384	NC8-32	NC8-32	NR8-38 18A-24A	18-24
15	29	NM8N-125Q M 50	600	NC8-50	NC8-50	NR8-100 23A-32A	23-32
18.5	35	NM8N-125Q M 50	600	NC8-50	NC8-50	NR8-100 30A-40A	30-40
22	41	NM8N-125Q M 50	600	NC8-50	NC8-50	NR8-100 37A-50A	37-50
30	55	NM8N-125Q M 80	960	NC8-80	NC8-80	NR8-100 48A-65A	48-65
37	66	NM8N-125Q M 80	960	NC8-80	NC8-80	NR8-100 63A-80A	63-80
45	80	NM8N-125Q M 100	1500	NC8-115	NC8-115	NR8-200 80A-160A	80-160
55	97	NM8N-125Q M 125	1500	NC8-150	NC8-150	NR8-200 80A-160A	80-160
75	132	NM8N-250Q M 200	1800	NC8-170	NC8-170	NR8-200 100A-200A	100-200
90	160	NM8N-250Q M 200	2200	NC8-205	NC8-205	NR8-630 125A-250A	125-250
110	195	NM8N-250Q M 250	2750	NC8-265	NC8-265	NR8-630 200A-400A	200-400
132	230	NM8N-400Q ENM 400	3200	NC8-300	NC8-300	NR8-630 200A-400A	200-400
160	280	NM8N-400Q ENM 400	4000	NC8-300	NC8-300	NR8-630 200A-400A	200-400
200	350	NM8N-630Q ENM 630	5040	NC8-400	NC8-400	NR8-630 315A-630A	315-630
220	387	NM8N-630Q ENM 630	6300	NC8-500	NC8-500	NR8-630 315A-630A	315-630
250	439	NM8N-630Q ENM 630	6300	NC8-500	NC8-500	NR8-630 315A-630A	315-630
290	520	NM8N-800Q ENM 800	7200	NC8-630	NC8-630	NJBK7-800 200A-800A	200A-800
315	540	NM8N-800Q ENM 800	8000	NC8-630	NC8-630	NJBK7-800 200A-800A	200A-800
355	610	NM8N-800Q ENM 800	8800	NC8-800	NC8-800	NJBK7-800 200A-800A	200A-800

3.0 Industrial Control Components

3.2.3 Star-Delta

- **System voltage:** Max. 690V, 50/60Hz
- **Application requirement:** At the end of starting, the speed of motor is higher than 85% of rated speed, and the transition time between star and delta is less than 85ms
- **Environment temperature:** < 55℃

Working Principal



Symbol	Product Name
QF	Circuit Breaker
KM1,2,3	Contactor
FR	Thermal Overload Relay
FU	Fuse
SB1,2	Push Button
KT	Relay

3.0

Industrial Control Components

Product Selection

Motor			Circuit breaker		Contactor			Thermal Overload Relay	
Rated Power kW	Line Current A	Phase Current A	Model	Instantaneous Tripping Current A	Line	Delta	Star	Current Setting Range A	
5.5	11.5	6.6	NM8N-125Q M 16	192	NC8-25	NC8-25	NC8-09	NR8-38 5.5A-8A	5.5-8
7.5	15.5	8.9	NM8N-125Q M 20	240	NC8-25	NC8-25	NC8-09	NR8-38 7.5A-10A	7.5-10
9	18.1	10.5	NM8N-125Q M 25	300	NC8-25	NC8-25	NC8-09	NR8-38 9A-13A	9-13
11	22	12.7	NM8N-125Q M 32	384	NC8-25	NC8-25	NC8-09	NR8-38 12A-16A	12-16
15	29	16.7	NM8N-125Q M 50	600	NC8-50	NC8-50	NC8-18	NR8-38 14A-20A	14-20
18.5	35	20.2	NM8N-125Q M 50	600	NC8-50	NC8-50	NC8-18	NR8-38 18A-24A	18-24
22	41	23.7	NM8N-125Q M 50	600	NC8-65	NC8-65	NC8-25	NR8-100 23A-32A	23-32
30	55	31.8	NM8N-125Q M 80	960	NC8-65	NC8-65	NC8-25	NR8-100 30A-40A	30-40
37	66	38.1	NM8N-125Q M 80	960	NC8-80	NC8-80	NC8-32	NR8-100 37A-50A	37-50
45	80	46.2	NM8N-125Q M 125	1500	NC8-115	NC8-115	NC8-65	NR8-100 37A-50A	37-50
55	97	56.0	NM8N-125Q M 125	1500	NC8-115	NC8-115	NC8-65	NR8-100 55A-70A	55-70
75	132	76.2	NM8N-250Q M 160	1800	NC8-150	NC8-150	NC8-80	NR8-100 63A-80A	63-80
90	160	92.4	NM8N-250Q M 200	2200	NC8-150	NC8-150	NC8-80	NR8-200 80A-160A	80-160
110	195	112.6	NM8N-250Q M 250	2750	NC8-150	NC8-150	NC8-100	NR8-200 100A-200A	100-200
132	230	132.8	NM8N-400Q ENM 320	3200	NC8-150	NC8-150	NC8-100	NR8-200 100A-200A	100-200
160	280	161.7	NM8N-400Q ENM 400	4000	NC8-205	NC8-205	NC8-115	NR8-200 100A-200A	100-200
200	350	202.1	NM8N-630Q ENM 630	5040	NC8-265	NC8-265	NC8-150	NR8-630 200A-400A	200-400
220	387	223.4	NM8N-630Q ENM 630	6300	NC8-265	NC8-265	NC8-150	NR8-630 200A-400A	200-400
250	439	253.5	NM8N-630Q ENM 630	6300	NC8-265	NC8-265	NC8-150	NR8-630 200A-400A	200-400
290	520	300.2	NM8N-800Q ENM 800	7200	NC8-630	NC8-630	NC8-400	NJBK7-800 200A-800A	200A-800
315	540	311.8	NM8N-800Q ENM 800	8000	NC8-630	NC8-630	NC8-400	NJBK7-800 200A-800A	200A-800
355	610	352.2	NM8N-800Q ENM 800	8800	NC8-630	NC8-630	NC8-400	NJBK7-800 200A-800A	200A-800

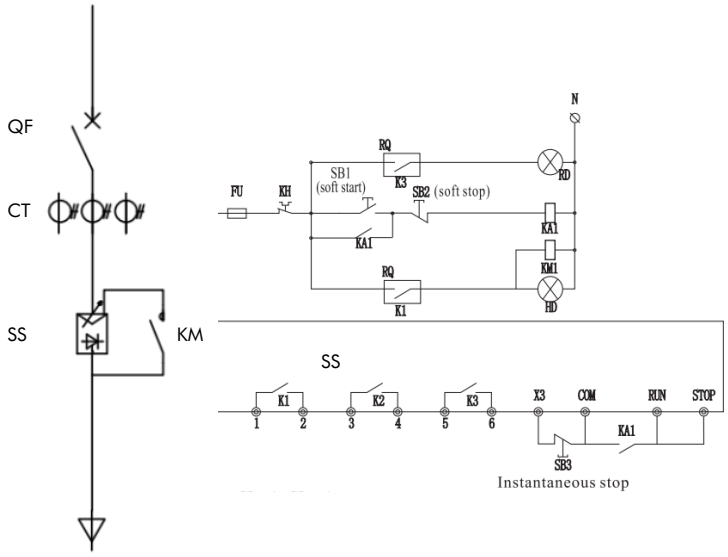
3.0 Industrial Control Components

3.2.4 Soft Start

The benefit from using a soft starter to control pumps, fans, compressors:

1. Reduce mechanical impact and avoid water hammer effect
2. Reduce the damage to the power grid (voltage fluctuation, current impact)
3. Avoid high temperature and reduce energy loss

Working Principal



Symbol	Product Name
QF	Circuit Breaker
CT	Current Transformer
SS	Soft Starter
FU	Fuse
SB1,2,3	Push Button
KA1	Relay
RD,HD	Indicator
KM	Contactor

3.0

Industrial Control Components

Product Selection

Motor(AC-3 400V)		Circuit Breaker	Soft Starter(AC380~415V)	Current Transformer	Contactor
Rated Power kW	Rated Current A	Model	Model	Model	Model
7.5	15	NM8N-125Q M 20	NJRP5-15/D4	BH-0.66 20/5A	NC8-18
11	22	NM8N-125Q M 32	NRP5-22/D4	BH-0.66 30/5A	NC8-32
15	29	NM8N-125Q M 40	NJRP5-30/D4	BH-0.66 40/5A	NC8-38
18.5	36	NM8N-125Q M 50	NJRP5-37/D4	BH-0.66 50/5A	NC8-50
22	42	NM8N-125Q M 63	NJRP5-44/D4	BH-0.66 75/5A	NC8-50
30	57	NM8N-125Q M 80	NJRP5-60/D4	BH-0.66 75/5A	NC8-80
37	70	NM8N-125Q M 80	NJRP5-74/D4	BH-0.66 100/5A	NC8-100
45	84	NM8N-125Q M 100	NJRP5-90/D4	BH-0.66 150/5A	NC8-100
55	103	NM8N-125Q M 125	NJRP5-110/D4	BH-0.66 150/5A	NC8-150
75	140	NM8N-250Q M 180	NJRP5-150/D4	BH-0.66 200/5A	NC8-170
90	167	NM8N-250Q M 200	NJRP5-180/D4	BH-0.66 250/5A	NC8-205
110	207	NM8N-250Q M 250	NJRP5-220/D4	BH-0.66 250/5A	NC8-265
132	248	NM8N-400Q ENM 400	NJRP5-264/D4	BH-0.66 350/5A	NC8-300
160	300	NM8N-400Q ENM 400	NJRP5-320/D4	BH-0.66 400/5A	NC8-400
185	349	NM8N-630Q ENM 630	NJRP5-370/D4	BH-0.66 500/5A	NC8-500
220	404	NM8N-630Q ENM 630	NJRP5-440/D4	BH-0.66 600/5A	NC8-500
250	459	NM8N-630Q ENM 630	NJRP5-500/D4	BH-0.66 600/5A	NC8-630
280	514	NM8N-630Q ENM 630	NJRP5-560/D4	BH-0.66 750/5A	NC8-630
315	579	NM8N-800Q ENM 800	NJRP5-630/D4	BH-0.66 750/5A	NC8-800
355	634	NM8N-800Q ENM 800	NJRP5-710/D4	BH-0.66 800/5A	NC8-800
400	720	NM8N-1600Q EN 1000	NJRP5-800/D4	BH-0.66 1000/5A	NC8-1000
450	810	NM8N-1600Q EN 1000	NJRP5-900/D4	BH-0.66 1000/5A	NC8-1000

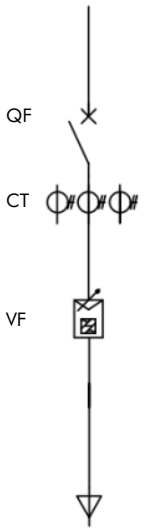
3.0 Industrial Control Components

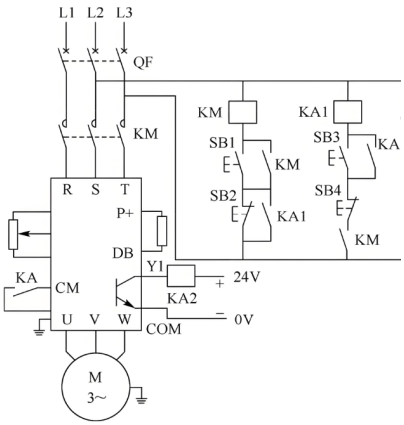
3.2.5 VFD

More than 50% of the energy consumption happened in the motor operation process. The main advantages of variable frequency speed control are:

1. Reduce the consumption of electric energy
2. Control the pressure, flow and temperature
3. Increase the environmental comfort of users

Working Principal





Symbol	Product Name
QF	Circuit Breaker
CT	Current Transformer
VF	VFD
FU	Fuse
SB1,2,3,4	Push Button
KA1,2	Relay
24V	Power Supply
KM	Contactor

3.0

Industrial Control Components

Product Selection

Motor(AC-3 400V)				Circuit Breaker	Current Transformer	Soft Starter(AC380~415V)
Rated Power (heavy load) kW	Rated Power (light load) kW	Rate Current (heavy load) A	Rated Current (light load) A	Model	Model	Model
0.4	0.75	1.5	2.5	NS2-25M 4A	BH-0.66 5/5A	NVF7-0.4T/0.75P-S4
0.75	1.1	2.5	3. 1	NS2-25M 4A	BH-0.66 5/5A	NVF7-0.75T/1.1PS4
1.1	1.5	3. 1	3.7	NS2-25M 6.3A	BH-0.66 5/5A	NVF7-1.1T/1.5P-S4
1.5	2.2	3.7	5	NS2-25M 6.3A	BH-0.66 10/5A	NVF7-1.5T/2.2P-S4
2.2	3	5	7.2	NS2-25M 10A	BH-0.66 10/5A	NVF7-2.2T/3.0P-S4
3	4	7.2	9.5	NM8N-125Q M 16	BH-0.66 15/5A	NVF7-3.0T/4.0P-S4
4	5.5	9.5	12.2	NM8N-125Q M 16	BH-0.66 15/5A	NVF7-4.0T/5.5P-S4
5.5	7.5	12.2	16.2	NM8N-125Q M 20	BH-0.66 20/5A	NVF7-5.5T/7.5P-S4
7.5	11	16.2	24.6	NM8N-125Q M 32	BH-0.66 30/5A	NVF7-7.5T/11PS4
11	15	24.6	31.4	NM8N-125Q M 40	BH-0.66 40/5A	NVF7-11T/15P-S4
15	18.5	31.4	37	NM8N-125Q M 50	BH-0.66 50/5A	NVF7-15T/18.5PS4
18.5	22	37	45	NM8N-125Q M 63	BH-0.66 75/5A	NVF7-18.5T/22PS4
22	30	45	60	NM8N-125Q M 80	BH-0.66 75/5A	NVF7-22T/30P-S4
30	37	60	75	NM8N-125Q M 100	BH-0.66 100/5A	NVF7-30T/37P-S4
37	45	75	90	NM8N-125Q M 125	BH-0.66 150/5A	NVF7-37T/45PS4
45	55	90	110	NM8N-250Q M 160	BH-0.66 150/5A	NVF7-45T/55PS4
55	75	110	150	NM8N-250Q M 180	BH-0.66 200/5A	NVF7-55T/75PS4
75	90	150	176	NM8N-250Q M 225	BH-0.66 250/5A	NVF7-75T/90P-S4
90	110	176	210	NM8N-250Q M 250	BH-0.66 300/5A	NVF7-90T/110P-S4
110	132	210	253	NM8N-400Q ENM 400	BH-0.66 350/5A	NVF7-110T/132P-S4
132	160	253	300	NM8N-400Q ENM 400	BH-0.66 400/5A	NVF7-132T/160P-S4
160	185	300	340	NM8N-630Q ENM 400	BH-0.66 500/5A	NVF7-160T/185P-S4
185	200	340	380	NM8N-630Q ENM 630	BH-0.66 500/5A	NVF7-185T/200P-S4
200	220	380	420	NM8N-630Q ENM 630	BH-0.66 600/5A	NVF7-200T/220P-S4
220	250	420	470	NM8N-630Q ENM 630	BH-0.66 600/5A	NVF7-220T/250P-S4
250	280	470	520	NM8N-630Q ENM 630	BH-0.66 750/5A	NVF7-250T/280P-S4
280	315	520	600	NM8N-800Q ENM 800	BH-0.66 750/5A	NVF7-280T/315P.S4

3.0

Industrial Control Components

3.3 Variable Frequency Drive

3.3.1 NVF7



General Description

NVF7 series is a new generation of high-performance magnetic flux vector platform type drive, which adopts speed senserless vector control technology, which has the characteristics of high performance, high reliability, high electromagnetic compatibility, high environmental adaptability, scalability, etc., which can meet the needs of electrical transmission in various industry applications and complex industrial environments.

Compliant standards: IEC/EN 61800-3, IEC/EN 61800-5-1

CE

- Power range: 0.4kw~315kw
- Voltage range: 1-phase/3-phase 220V, 3-phase 380~480V
- Control mode: FVC, SVC, V/F control
- Efficiency>98%
- Voltage Sag Tolerance: SEMI F47
- Multi-language: Chinese, English, Russian, Spanish

Simply inventory and reduce costs
Premium production efficiency and product quality
Saving more energy
Stable run during voltage sags and reduce downtime
Reduce learning costs of end users

NVF7	-	7.5	'T	/	11	P	-	S	4	-	B	1
Product Series		Motor Power	Load Type		Motor Power	Load Type		Phase	Voltage		Braking Unit	Control Panel
		Heavy load type: 0.4kW~280kW	T: heavy load type		Light load type: 0.75kW~315kW	P: light load type		D: single phase S: three phase	2: 230V 4: 380V~480V		B: braking unit built in Blank: no braking unit	1: LCD Blank: LED

3.0

Industrial Control Components

NVF7 SKU

SAP No	SKU	Power Supply (V)	Load Type	Motor Power (kW)	Ordering Code
G711541900000001	NVF7-0.4T/0.75P-S4-B	3 phase 380	T/P	0.4T/0.75P	505309
G711541900000002	NVF7-0.75T/1.1P-S4-B	3 phase 380	T/P	0.75T/1.1P	505310
G711541900000003	NVF7-1.1T/1.5P-S4-B	3 phase 380	T/P	1.1T/1.5P	505311
G711541900000004	NVF7-1.5T/2.2P-S4-B	3 phase 380	T/P	1.5T/2.2P	505312
G711541900000005	NVF7-2.2T/3.0P-S4-B	3 phase 380	T/P	2.2T/3.0P	505313
G711541900000006	NVF7-3.0T/4.0P-S4-B	3 phase 380	T/P	3.0T/4.0P	505314
G711541900000007	NVF7-4.0T/5.5P-S4-B	3 phase 380	T/P	4.0T/5.5P	505315
G711541900000008	NVF7-5.5T/7.5P-S4-B	3 phase 380	T/P	5.5T/7.5P	505316
G711541900000009	NVF7-7.5T/11P-S4-B	3 phase 380	T/P	7.5T/11P	505317
G711541900000010	NVF7-11T/15P-S4-B	3 phase 380	T/P	11T/15P	505318
G711541900000011	NVF7-15T/18.5P-S4-B	3 phase 380	T/P	15T/18.5P	505319
G711541900000012	NVF7-18.5T/22P-S4-B	3 phase 380	T/P	18.5T/22P	505320
G711541900000013	NVF7-22T/30P-S4-B	3 phase 380	T/P	22T/30P	505321
G711541900000014	NVF7-30T/37P-S4	3 phase 380	T/P	30T/37P	505322
G711541900000015	NVF7-30T/37P-S4-B	3 phase 380	T/P	30T/37P	505323
G711541900000016	NVF7-37T/45P-S4	3 phase 380	T/P	37T/45P	505324
G711541900000017	NVF7-37T/45P-S4-B	3 phase 380	T/P	37T/45P	505325
G711541900000018	NVF7-45T/55P-S4	3 phase 380	T/P	45T/55P	505326
G711541900000019	NVF7-45T/55P-S4-B	3 phase 380	T/P	45T/55P	505327
G711541900000020	NVF7-55T/75P-S4	3 phase 380	T/P	55T/75P	505328
G711541900000021	NVF7-55T/75P-S4-B	3 phase 380	T/P	55T/75P	505329
G711541900000022	NVF7-75T/90P-S4	3 phase 380	T/P	75T/90P	505330
G711541900000023	NVF7-75T/90P-S4-B	3 phase 380	T/P	75T/90P	505331
G711541900000024	NVF7-90T/110P-S4	3 phase 380	T/P	90T/110P	505332
G711541900000025	NVF7-90T/110P-S4-B	3 phase 380	T/P	90T/110P	505333
G711541900000026	NVF7-110T/132P-S4	3 phase 380	T/P	110T/132P	505334
G711541900000027	NVF7-110T/132P-S4-B	3 phase 380	T/P	110T/132P	505335
G711541900000028	NVF7-132T/160P-S4	3 phase 380	T/P	132T/160P	505336
G711541900000029	NVF7-160T/185P-S4	3 phase 380	T/P	160T/185P	505337
G711541900000030	NVF7-185T/200P-S4	3 phase 380	T/P	185T/200P	505338
G711541900000031	NVF7-200T/220P-S4	3 phase 380	T/P	200T/220P	505339
G711541900000032	NVF7-220T/250P-S4	3 phase 380	T/P	220T/250P	505340
G711541900000033	NVF7-250T/280P-S4	3 phase 380	T/P	250T/280P	505341
G711541900000034	NVF7-280T/315P-S4	3 phase 380	T/P	280T/315P	505342
G711541900000074	NVF7-0.4T/0.75P-S4-B1	3 phase 380	T/P	0.4T/0.75P	505343
G711541900000075	NVF7-0.75T/1.1P-S4-B1	3 phase 380	T/P	0.75T/1.1P	505344
G711541900000076	NVF7-1.1T/1.5P-S4-B1	3 phase 380	T/P	1.1T/1.5P	505345
G711541900000077	NVF7-1.5T/2.2P-S4-B1	3 phase 380	T/P	1.5T/2.2P	505346
G711541900000078	NVF7-2.2T/3.0P-S4-B1	3 phase 380	T/P	2.2T/3.0P	505347

3.0

Industrial Control Components

NVF7 SKU

SAP No	SKU	Power Supply (V)	Load Type	Motor Power (kW)	Ordering Code
G711541900000079	NVF7-3.0T/4.0P-S4-B1	3 phase 380	T/P	3.0T/4.0P	505348
G711541900000080	NVF7-4.0T/5.5P-S4-B1	3 phase 380	T/P	4.0T/5.5P	505349
G711541900000081	NVF7-5.5T/7.5P-S4-B1	3 phase 380	T/P	5.5T/7.5P	505350
G711541900000082	NVF7-7.5T/11P-S4-B1	3 phase 380	T/P	7.5T/11P	505351
G711541900000083	NVF7-11T/15P-S4-B1	3 phase 380	T/P	11T/15P	505352
G711541900000084	NVF7-15T/18.5P-S4-B1	3 phase 380	T/P	15T/18.5P	505353
G711541900000085	NVF7-18.5T/22P-S4-B1	3 phase 380	T/P	18.5T/22P	505354
G711541900000086	NVF7-22T/30P-S4-B1	3 phase 380	T/P	22T/30P	505355
G711541900000087	NVF7-30T/37P-S4-1	3 phase 380	T/P	30T/37P	505356
G711541900000088	NVF7-30T/37P-S4-B1	3 phase 380	T/P	30T/37P	505357
G711541900000089	NVF7-37T/45P-S4-1	3 phase 380	T/P	37T/45P	505358
G711541900000090	NVF7-37T/45P-S4-B1	3 phase 380	T/P	37T/45P	505359
G711541900000091	NVF7-45T/55P-S4-1	3 phase 380	T/P	45T/55P	505360
G711541900000092	NVF7-45T/55P-S4-B1	3 phase 380	T/P	45T/55P	505361
G711541900000093	NVF7-55T/75P-S4-1	3 phase 380	T/P	55T/75P	505362
G711541900000094	NVF7-55T/75P-S4-B1	3 phase 380	T/P	55T/75P	505363
G711541900000095	NVF7-75T/90P-S4-1	3 phase 380	T/P	75T/90P	505364
G711541900000096	NVF7-75T/90P-S4-B1	3 phase 380	T/P	75T/90P	505365
G711541900000097	NVF7-90T/110P-S4-1	3 phase 380	T/P	90T/110P	505366
G711541900000098	NVF7-90T/110P-S4-B1	3 phase 380	T/P	90T/110P	505367
G711541900000099	NVF7-110T/132P-S4-1	3 phase 380	T/P	110T/132P	505368
G711541900000100	NVF7-110T/132P-S4-B1	3 phase 380	T/P	110T/132P	505369
G711541900000101	NVF7-132T/160P-S4-1	3 phase 380	T/P	132T/160P	505370
G711541900000102	NVF7-160T/185P-S4-1	3 phase 380	T/P	160T/185P	505371
G711541900000103	NVF7-185T/200P-S4-1	3 phase 380	T/P	185T/200P	505372
G711541900000104	NVF7-200T/220P-S4-1	3 phase 380	T/P	200T/220P	505373
G711541900000105	NVF7-220T/250P-S4-1	3 phase 380	T/P	220T/250P	505374
G711541900000106	NVF7-250T/280P-S4-1	3 phase 380	T/P	250T/280P	505375
G711541900000107	NVF7-280T/315P-S4-1	3 phase 380	T/P	280T/315P	505376
G711541900000108	NVF7-0.4T/0.75P-S2-B	3 phase 230	T/P	0.4T/0.75P	512455
G711541900000109	NVF7-0.75T/1.1P-S2-B	3 phase 230	T/P	0.75T/1.1P	512456
G711541900000110	NVF7-1.1T/1.5P-S2-B	3 phase 230	T/P	1.1T/1.5P	512457
G711541900000111	NVF7-1.5T/2.2P-S2-B	3 phase 230	T/P	1.5T/2.2P	512458
G711541900000112	NVF7-2.2T/3.0P-S2-B	3 phase 230	T/P	2.2T/3.0P	512459
G711541900000113	NVF7-3.0T/4.0P-S2-B	3 phase 230	T/P	3.0T/4.0P	512460
G711541900000114	NVF7-4.0T/5.5P-S2-B	3 phase 230	T/P	4.0T/5.5P	512461
G711541900000115	NVF7-5.5T/7.5P-S2-B	3 phase 230	T/P	5.5T/7.5P	512462
G711541900000116	NVF7-7.5T/9.5P-S2-B	3 phase 230	T/P	7.5T/9.5P	512463
G711541900000117	NVF7-9.5T/11P-S2-B	3 phase 230	T/P	9.5T/11P	512464

3.0

Industrial Control Components

NVF7 SKU

SAP No	SKU	Power Supply (V)	Load Type	Motor Power (kW)	Ordering Code
G711541900000118	NVF7-11T/15P-S2-B	3 phase 230	T/P	11T/15P	512465
G711541900000119	NVF7-15T/18.5P-S2	3 phase 230	T/P	15T/18.5P	512466
G711541900000120	NVF7-15T/18.5P-S2-B	3 phase 230	T/P	15T/18.5P	512467
G711541900000121	NVF7-18.5T/22P-S2	3 phase 230	T/P	18.5T/22P	512468
G711541900000122	NVF7-18.5T/22P-S2-B	3 phase 230	T/P	18.5T/22P	512469
G711541900000123	NVF7-22T/30P-S2	3 phase 230	T/P	22T/30P	512470
G711541900000124	NVF7-22T/30P-S2-B	3 phase 230	T/P	22T/30P	512471
G711541900000125	NVF7-30T/37P-S2	3 phase 230	T/P	30T/37P	512472
G711541900000126	NVF7-30T/37P-S2-B	3 phase 230	T/P	30T/37P	512473
G711541900000127	NVF7-37T/45P-S2	3 phase 230	T/P	37T/45P	512474
G711541900000128	NVF7-37T/45P-S2-B	3 phase 230	T/P	37T/45P	512475
G711541900000129	NVF7-45T/55P-S2	3 phase 230	T/P	45T/55P	512476
G711541900000130	NVF7-45T/55P-S2-B	3 phase 230	T/P	45T/55P	512477
G711541900000131	NVF7-0.4T/0.75P-S2-B1	3 phase 230	T/P	0.4T/0.75P	512478
G711541900000132	NVF7-0.75T/1.1P-S2-B1	3 phase 230	T/P	0.75T/1.1P	512479
G711541900000133	NVF7-1.1T/1.5P-S2-B1	3 phase 230	T/P	1.1T/1.5P	512480
G711541900000134	NVF7-1.5T/2.2P-S2-B1	3 phase 230	T/P	1.5T/2.2P	512481
G711541900000135	NVF7-2.2T/3.0P-S2-B1	3 phase 230	T/P	2.2T/3.0P	512482
G711541900000136	NVF7-3.0T/4.0P-S2-B1	3 phase 230	T/P	3.0T/4.0P	512483
G711541900000137	NVF7-4.0T/5.5P-S2-B1	3 phase 230	T/P	4.0T/5.5P	512484
G711541900000138	NVF7-5.5T/7.5P-S2-B1	3 phase 230	T/P	5.5T/7.5P	512485
G711541900000139	NVF7-7.5T/9.5P-S2-B1	3 phase 230	T/P	7.5T/9.5P	512486
G711541900000140	NVF7-9.5T/11P-S2-B1	3 phase 230	T/P	9.5T/11P	512487
G711541900000141	NVF7-11T/15P-S2-B1	3 phase 230	T/P	11T/15P	512488
G711541900000142	NVF7-15T/18.5P-S2-1	3 phase 230	T/P	15T/18.5P	512489
G711541900000143	NVF7-15T/18.5P-S2-B1	3 phase 230	T/P	15T/18.5P	512490
G711541900000144	NVF7-18.5T/22P-S2-1	3 phase 230	T/P	18.5T/22P	512491
G711541900000145	NVF7-18.5T/22P-S2-B1	3 phase 230	T/P	18.5T/22P	512492
G711541900000146	NVF7-22T/30P-S2-1	3 phase 230	T/P	22T/30P	512493
G711541900000147	NVF7-22T/30P-S2-B1	3 phase 230	T/P	22T/30P	512494
G711541900000148	NVF7-30T/37P-S2-1	3 phase 230	T/P	30T/37P	512495
G711541900000149	NVF7-30T/37P-S2-B1	3 phase 230	T/P	30T/37P	512496
G711541900000150	NVF7-37T/45P-S2-1	3 phase 230	T/P	37T/45P	512497
G711541900000151	NVF7-37T/45P-S2-B1	3 phase 230	T/P	37T/45P	512498
G711541900000152	NVF7-45T/55P-S2-1	3 phase 230	T/P	45T/55P	512499
G711541900000153	NVF7-45T/55P-S2-B1	3 phase 230	T/P	45T/55P	512500
G711541900000154	NVF7-0.4T-D2-B	1 phase 230	T	0.4T	512501
G711541900000155	NVF7-0.75T-D2-B	1 phase 230	T	0.75T	512502
G711541900000156	NVF7-1.5T-D2-B	1 phase 230	T	1.5T	512503

3.0

Industrial Control Components

NVF7 SKU

SAP No	SKU	Power Supply (V)	Load Type	Motor Power (kW)	Ordering Code
G711541900000157	NVF7-2.2T-D2-B	1 phase 230	T	2.2T	512504
G711541900000158	NVF7-3.0T-D2-B	1 phase 230	T	3.0T	512505
G711541900000159	NVF7-4.0T-D2-B	1 phase 230	T	4.0T	512506
G711541900000160	NVF7-0.4T-D2-B1	1 phase 230	T	0.4T	512507
G711541900000161	NVF7-0.75T-D2-B1	1 phase 230	T	0.75T	512508
G711541900000162	NVF7-1.5T-D2-B1	1 phase 230	T	1.5T	512509
G711541900000163	NVF7-2.2T-D2-B1	1 phase 230	T	2.2T	512510
G711541900000164	NVF7-3.0T-D2-B1	1 phase 230	T	3.0T	512511
G711541900000165	NVF7-4.0T-D2-B1	1 phase 230	T	4.0T	512512

Keypad Accessories

Model	SKU	Ordering code
NVF7- LED VA7KEY01	Control panel LED	513138
NVF7- LCD VA7KEY02	Control panel LCD	513139
NVF7-VA7KEY03	Mounting bracket	513140
NVF7-VA7CB02	Extension cable 2 meters	513141
NVF7-VA7CB04	Extension cable 4 meters	513142

3.0 Industrial Control Components

3.3.2 NVF2L



General Description

The NVF2L Series Drive adopts vector control technology free of speed sensor, which is characterized by fast load response, large low-frequency torque and strong overload ability, and realizes accurate control of equipment. This series drive has the application functions of regulated-voltage output, torque
limitation, speed tracking, simple PLC, process PID, etc., and can meet the electric drive requirements of fan, water pump, logistics, cable, packaging, and various other types of automatic production equipment.

Compliant standards: IEC/EN 61800-3, IEC/EN 61800-5-1

CE

- Power range: 0.4kw~5.5kw
- Voltage range: 1-phase/3-phase 220V, 3-phase 380~480V
- Standard IP42 with optional IP44
- Book style design
- Input and output terminals are designed to prevent incorrect connections
- Enhanced Structural Design leads to better heat dissipation

Simply inventory and reduce costs
Lower failure rates due to high protection, reduce maintenance needs and costs
Saving space, facilitating integration into various devices
Anti-error design improves system stability and reliability
Increasing product stability and durability, reducing downtimeReduce learning costs of end users

NVF2L	-	2.2	/	'T	D	2	-	B
Product Series		**Motor Power**		**Load Type**	**Phase**	**Voltage**		**Braking Unit**
		0.4kW~5.5kW		T: heavy load type	D: single phase S: three phase	2: 230V 4: 380V~480V		B: Braking unit built in Blank: No braking unit

3.0

Industrial Control Components

NVF2L SKU

SAP No	SKU	Power Supply (V)	Load Type	Motor Power (kW)	Braking Unit	Ordering Code
G711542000000001	NVF2L-0.4/TD2(R)	1 phase 230	T	0.4	No	538228
G711542000000002	NVF2L-0.75/TD2(R)	1 phase 230	T	0.75	No	538229
G711542000000003	NVF2L-1.5/TD2(R)	1 phase 230	T	1.5	No	538230
G711542000000004	NVF2L-2.2/TD2(R)	1 phase 230	T	2.2	No	538231
G711542000000005	NVF2L-0.4/TS2(R)	3 phase 230	T	0.4	No	538232
G711542000000006	NVF2L-0.75/TS2(R)	3 phase 230	T	0.75	No	538233
G711542000000007	NVF2L-1.5/TS2(R)	3 phase 230	T	1.5	No	538234
G711542000000008	NVF2L-2.2/TS2(R)	3 phase 230	T	2.2	No	538235
G711542000000009	NVF2L-0.4/TS4(R)	3 phase 380	T	0.4	No	538236
G711542000000010	NVF2L-0.75/TS4(R)	3 phase 380	T	0.75	No	538237
G711542000000011	NVF2L-1.5/TS4(R)	3 phase 380	T	1.5	No	538238
G711542000000012	NVF2L-2.2/TS4(R)	3 phase 380	T	2.2	No	538239
G711542000000013	NVF2L-3.0/TS4(R)	3 phase 380	T	3	No	538240
G711542000000014	NVF2L-4.0/TS4(R)	3 phase 380	T	4	No	538241
G711542000000015	NVF2L-5.5/TS4(R)	3 phase 380	T	5.5	No	538242
G711542000000016	NVF2L-0.4/TD2-B(R)	3 phase 380	T	0.4	Yes	538243
G711542000000017	NVF2L-0.75/TD2-B(R)	3 phase 380	T	0.75	Yes	538244
G711542000000018	NVF2L-1.5/TD2-B(R)	3 phase 380	T	1.5	Yes	538245
G711542000000019	NVF2L-2.2/TD2-B(R)	3 phase 380	T	2.2	Yes	538246
G711542000000020	NVF2L-0.4/TS2-B(R)	3 phase 380	T	0.4	Yes	538247
G711542000000021	NVF2L-0.75/TS2-B(R)	3 phase 380	T	0.75	Yes	538248
G711542000000022	NVF2L-1.5/TS2-B(R)	3 phase 380	T	1.5	Yes	538249
G711542000000023	NVF2L-2.2/TS2-B(R)	3 phase 380	T	2.2	Yes	538250
G711542000000024	NVF2L-0.4/TS4-B(R)	3 phase 380	T	0.4	Yes	538251
G711542000000025	NVF2L-0.75/TS4-B(R)	3 phase 380	T	0.75	Yes	538252
G711542000000026	NVF2L-1.5/TS4-B(R)	3 phase 380	T	1.5	Yes	538253
G711542000000027	NVF2L-2.2/TS4-B(R)	3 phase 380	T	2.2	Yes	538254
G711542000000028	NVF2L-3.0/TS4-B(R)	3 phase 380	T	3	Yes	538255
G711542000000029	NVF2L-4.0/TS4-B(R)	3 phase 380	T	4	Yes	538256
G711542000000030	NVF2L-5.5/TS4-B(R)	3 phase 380	T	5.5	Yes	538257

3.0

Industrial Control Components

3.4 Soft Starter

3.4.1 NJRP5



General Description

NJRP5 series soft starter is an external bypass soft starter. Its input power voltage (main circuit voltage) is AC200V~415V and AC200V~690V respectively. Three phase AC asynchronous motor soft starter designed based on power electronics technology, microprocessor technology and modern control theory technology has the characteristics of strong load adaptability, stable and reliable operation, and is widely used in metallurgy Petroleum, fire protection, mining, water supply, municipal administration, food, cement, petrochemical and other industries are the most ideal replacement products for the traditional star delta starting and auto coupling depressurization starting.

Compliant standards: IEC60947-4-2

CE

- Power range: 4kw~900kw
- Voltage range: AC220V, AC380V, AC460V, AC575V, AC690V
- External bypass soft starter
- 7 starting modes to meet the needs of different loads

Simply inventory
Reduces energy consumption by bypassing the soft starter after startup
External bypass design is suitable for heavy-load and frequent-start scenarios
Extends component life by minimizing heat generation and wear

NJRP5	–	1000		/	'D	6
Product Series		Rated Current(In)			Bypass Type	Main Circuit Voltage
		15A 22A 30A 37A 44A 60A 74A 90A 110A 150A 180A	220A 264A 320A 370A 440A 500A 560A 630A 710A 800A 900A 1000A		D: External bypass	D: single phase S: three phase

3.0

Industrial Control Components

NJRP5 SKU

SAP No	SKU	Type	Power Supply (V)	Rated Current (A)	Ordering Code
G711570500000047	NJRP5-15/D4	External bypass	AC200V~415V	15	525295
G711570500000048	NJRP5-22/D4	External bypass	AC200V~415V	22	525296
G711570500000049	NJRP5-30/D4	External bypass	AC200V~415V	30	525297
G711570500000050	NJRP5-37/D4	External bypass	AC200V~415V	37	525298
G711570500000051	NJRP5-44/D4	External bypass	AC200V~415V	44	525299
G711570500000052	NJRP5-60/D4	External bypass	AC200V~415V	60	525300
G711570500000053	NJRP5-74/D4	External bypass	AC200V~415V	74	525301
G711570500000054	NJRP5-90/D4	External bypass	AC200V~415V	90	525302
G711570500000055	NJRP5-110/D4	External bypass	AC200V~415V	110	525303
G711570500000056	NJRP5-150/D4	External bypass	AC200V~415V	150	525304
G711570500000057	NJRP5-180/D4	External bypass	AC200V~415V	180	525305
G711570500000058	NJRP5-220/D4	External bypass	AC200V~415V	220	525306
G711570500000059	NJRP5-264/D4	External bypass	AC200V~415V	264	525307
G711570500000060	NJRP5-320/D4	External bypass	AC200V~415V	320	525308
G711570500000061	NJRP5-370/D4	External bypass	AC200V~415V	370	525309
G711570500000062	NJRP5-440/D4	External bypass	AC200V~415V	440	525310
G711570500000063	NJRP5-500/D4	External bypass	AC200V~415V	500	525311
G711570500000064	NJRP5-560/D4	External bypass	AC200V~415V	560	525312
G711570500000065	NJRP5-630/D4	External bypass	AC200V~415V	630	525313
G711570500000066	NJRP5-710/D4	External bypass	AC200V~415V	710	525314
G711570500000067	NJRP5-800/D4	External bypass	AC200V~415V	800	525315
G711570500000068	NJRP5-900/D4	External bypass	AC200V~415V	900	525316
G711570500000069	NJRP5-1000/D4	External bypass	AC200V~415V	1000	525317
G711570500000070	NJRP5-15/D6	External bypass	AC200V~690V	15	525318
G711570500000071	NJRP5-22/D6	External bypass	AC200V~690V	22	525319
G711570500000072	NJRP5-30/D6	External bypass	AC200V~690V	30	525320
G711570500000073	NJRP5-37/D6	External bypass	AC200V~690V	37	525321
G711570500000074	NJRP5-44/D6	External bypass	AC200V~690V	44	525322
G711570500000075	NJRP5-60/D6	External bypass	AC200V~690V	60	525323
G711570500000076	NJRP5-74/D6	External bypass	AC200V~690V	74	525324
G711570500000077	NJRP5-90/D6	External bypass	AC200V~690V	90	525325
G711570500000078	NJRP5-110/D6	External bypass	AC200V~690V	110	525326
G711570500000079	NJRP5-150/D6	External bypass	AC200V~690V	150	525327
G711570500000080	NJRP5-180/D6	External bypass	AC200V~690V	180	525328
G711570500000081	NJRP5-220/D6	External bypass	AC200V~690V	220	525329
G711570500000082	NJRP5-264/D6	External bypass	AC200V~690V	264	525330
G711570500000083	NJRP5-320/D6	External bypass	AC200V~690V	320	525331
G711570500000084	NJRP5-370/D6	External bypass	AC200V~690V	370	525332
G711570500000085	NJRP5-440/D6	External bypass	AC200V~690V	440	525333
G711570500000086	NJRP5-500/D6	External bypass	AC200V~690V	500	525334
G711570500000087	NJRP5-560/D6	External bypass	AC200V~690V	560	525335
G711570500000088	NJRP5-630/D6	External bypass	AC200V~690V	630	525336
G711570500000089	NJRP5-710/D6	External bypass	AC200V~690V	710	525337
G711570500000090	NJRP5-800/D6	External bypass	AC200V~690V	800	525338
G711570500000091	NJRP5-900/D6	External bypass	AC200V~690V	900	525339
G711570500000092	NJRP5-1000/D6	External bypass	AC200V~690V	1000	525340

3.0

Industrial Control Components

3.4.2 NJR5-ZX



General Description

NJR5-ZX series soft starter is an online soft starter, its input power voltage (main circuit voltage) is AC220V, AC380V, AC460V, AC575V and AC690V, and the rated current specification is from 15A to 1000A. With the characteristics of strong load adaptability, stable and reliable operation, etc., it is widely used in motor transmission equipme nt in metallurgy, petroleum, fire protection, mining, water supply, municipal, food, cement, petrochemical and other fields. It is the most ideal replacement product for a traditional star-delta starter, auto-coupling starting.

Compliant standards: IEC/EN 60947-4-2

CE

- Power range: 4kw~900kw
- Voltage range: AC200~415V, AC200~690V
- Online stype soft starter
- 7 starting modes to meet the needs of different loads
- 15 detailed records for easy problem tracking and resolution

Simply inventory and reduce costs
Space saving and cost saving
Diverse start modes offering flexibility for various load conditions
15 fault logs for comprehensive troubleshooting and issue tracking

NJR5	–	1000	/	'ZX	6
Product Series		Rated Current(In)		Bypass Type	Main Circuit Voltage
		15A~1000A		ZX: Online soft starter	2: AC220V 3: AC380V 4: AC460V 5: AC575V 6: AC690V

3.0

Industrial Control Components

NJR5-ZX SKU

SAP No	SKU	Type	Power Supply (V)	Motor Power (kW)	Ordering Code
G711570400000116	NJR5-15/ZX2	Online type	3 phase 220V	4	438238
G711570400000117	NJR5-22/ZX2	Online type	3 phase 220V	5.5	438239
G711570400000118	NJR5-30/ZX2	Online type	3 phase 220V	7.5	438240
G711570400000119	NJR5-37/ZX2	Online type	3 phase 220V	11	438241
G711570400000120	NJR5-44/ZX2	Online type	3 phase 220V	11	438242
G711570400000121	NJR5-60/ZX2	Online type	3 phase 220V	15	438243
G711570400000122	NJR5-74/ZX2	Online type	3 phase 220V	18.5	438244
G711570400000123	NJR5-90/ZX2	Online type	3 phase 220V	22	438245
G711570400000124	NJR5-110/ZX2	Online type	3 phase 220V	30	438246
G711570400000125	NJR5-150/ZX2	Online type	3 phase 220V	37	438247
G711570400000126	NJR5-180/ZX2	Online type	3 phase 220V	45	438248
G711570400000127	NJR5-220/ZX2	Online type	3 phase 220V	55	438249
G711570400000128	NJR5-264/ZX2	Online type	3 phase 220V	75	438250
G711570400000129	NJR5-320/ZX2	Online type	3 phase 220V	90	438251
G711570400000130	NJR5-370/ZX2	Online type	3 phase 220V	110	438252
G711570400000131	NJR5-440/ZX2	Online type	3 phase 220V	110	438253
G711570400000132	NJR5-500/ZX2	Online type	3 phase 220V	136	438254
G711570400000133	NJR5-560/ZX2	Online type	3 phase 220V	160	438255
G711570400000134	NJR5-630/ZX2	Online type	3 phase 220V	160	438256
G711570400000135	NJR5-710/ZX2	Online type	3 phase 220V	200	438257
G711570400000136	NJR5-800/ZX2	Online type	3 phase 220V	200	438258
G711570400000137	NJR5-900/ZX2	Online type	3 phase 220V	250	438259
G711570400000138	NJR5-1000/ZX2	Online type	3 phase 220V	250	438260
G711570400000139	NJR5-15/ZX3	Online type	3 phase 380V	7.5	438261
G711570400000140	NJR5-22/ZX3	Online type	3 phase 380V	11	438262
G711570400000141	NJR5-30/ZX3	Online type	3 phase 380V	15	438263
G711570400000142	NJR5-37/ZX3	Online type	3 phase 380V	18.5	438264
G711570400000143	NJR5-44/ZX3	Online type	3 phase 380V	22	438265
G711570400000144	NJR5-60/ZX3	Online type	3 phase 380V	30	438266
G711570400000145	NJR5-74/ZX3	Online type	3 phase 380V	37	438267
G711570400000146	NJR5-90/ZX3	Online type	3 phase 380V	45	438268
G711570400000147	NJR5-110/ZX3	Online type	3 phase 380V	55	438269
G711570400000148	NJR5-150/ZX3	Online type	3 phase 380V	75	438270
G711570400000149	NJR5-180/ZX3	Online type	3 phase 380V	90	438271
G711570400000150	NJR5-220/ZX3	Online type	3 phase 380V	110	438272
G711570400000151	NJR5-264/ZX3	Online type	3 phase 380V	132	438273
G711570400000152	NJR5-320/ZX3	Online type	3 phase 380V	160	438274
G711570400000153	NJR5-370/ZX3	Online type	3 phase 380V	185	438275
G711570400000154	NJR5-440/ZX3	Online type	3 phase 380V	220	438276

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Industrial Control Components

NJR5-ZX SKU

SAP No	SKU	Type	Power Supply (V)	Motor Power (kW)	Ordering Code
G711570400000155	NJR5-500/ZX3	Online type	3 phase 380V	250	438277
G711570400000156	NJR5-560/ZX3	Online type	3 phase 380V	280	438278
G711570400000157	NJR5-630/ZX3	Online type	3 phase 380V	315	438279
G711570400000158	NJR5-710/ZX3	Online type	3 phase 380V	355	438280
G711570400000159	NJR5-800/ZX3	Online type	3 phase 380V	400	438281
G711570400000160	NJR5-900/ZX3	Online type	3 phase 380V	450	438282
G711570400000161	NJR5-1000/ZX3	Online type	3 phase 380V	500	438283
G711570400000162	NJR5-15/ZX4	Online type	3 phase 460V	9	438284
G711570400000163	NJR5-22/ZX4	Online type	3 phase 460V	15	438285
G711570400000164	NJR5-30/ZX4	Online type	3 phase 460V	18.5	438286
G711570400000165	NJR5-37/ZX4	Online type	3 phase 460V	22	438287
G711570400000166	NJR5-44/ZX4	Online type	3 phase 460V	30	438288
G711570400000167	NJR5-60/ZX4	Online type	3 phase 460V	37	438289
G711570400000168	NJR5-74/ZX4	Online type	3 phase 460V	45	438290
G711570400000169	NJR5-90/ZX4	Online type	3 phase 460V	55	438291
G711570400000170	NJR5-110/ZX4	Online type	3 phase 460V	75	438292
G711570400000171	NJR5-150/ZX4	Online type	3 phase 460V	90	438293
G711570400000172	NJR5-180/ZX4	Online type	3 phase 460V	110	438294
G711570400000173	NJR5-220/ZX4	Online type	3 phase 460V	132	438295
G711570400000174	NJR5-264/ZX4	Online type	3 phase 460V	150	438296
G711570400000175	NJR5-320/ZX4	Online type	3 phase 460V	185	438297
G711570400000176	NJR5-370/ZX4	Online type	3 phase 460V	220	438298
G711570400000177	NJR5-440/ZX4	Online type	3 phase 460V	250	438299
G711570400000178	NJR5-500/ZX4	Online type	3 phase 460V	280	438300
G711570400000179	NJR5-560/ZX4	Online type	3 phase 460V	315	438301
G711570400000180	NJR5-630/ZX4	Online type	3 phase 460V	355	438302
G711570400000181	NJR5-710/ZX4	Online type	3 phase 460V	400	438303
G711570400000182	NJR5-800/ZX4	Online type	3 phase 460V	450	438304
G711570400000183	NJR5-900/ZX4	Online type	3 phase 460V	560	438305
G711570400000184	NJR5-1000/ZX4	Online type	3 phase 460V	560	438306
G711570400000185	NJR5-15/ZX5	Online type	3 phase 575V	11	438307
G711570400000186	NJR5-22/ZX5	Online type	3 phase 575V	18.5	438308
G711570400000187	NJR5-30/ZX5	Online type	3 phase 575V	22	438309
G711570400000188	NJR5-37/ZX5	Online type	3 phase 575V	30	438310
G711570400000189	NJR5-44/ZX5	Online type	3 phase 575V	30	438311
G711570400000190	NJR5-60/ZX5	Online type	3 phase 575V	45	438312
G711570400000191	NJR5-74/ZX5	Online type	3 phase 575V	55	438313
G711570400000192	NJR5-90/ZX5	Online type	3 phase 575V	75	438314
G711570400000193	NJR5-110/ZX5	Online type	3 phase 575V	90	438315

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Industrial Control Components

NJR5-ZX SKU

SAP No	SKU	Type	Power Supply (V)	Motor Power (kW)	Ordering Code
G711570400000194	NJR5-150/ZX5	Online type	3 phase 575V	110	438316
G711570400000195	NJR5-180/ZX5	Online type	3 phase 575V	132	438317
G711570400000196	NJR5-220/ZX5	Online type	3 phase 575V	160	438318
G711570400000197	NJR5-264/ZX5	Online type	3 phase 575V	185	438319
G711570400000198	NJR5-320/ZX5	Online type	3 phase 575V	250	438320
G711570400000199	NJR5-370/ZX5	Online type	3 phase 575V	280	438321
G711570400000200	NJR5-440/ZX5	Online type	3 phase 575V	315	438322
G711570400000201	NJR5-500/ZX5	Online type	3 phase 575V	355	438323
G711570400000202	NJR5-560/ZX5	Online type	3 phase 575V	400	438324
G711570400000203	NJR5-630/ZX5	Online type	3 phase 575V	450	438325
G711570400000204	NJR5-710/ZX5	Online type	3 phase 575V	500	438326
G711570400000205	NJR5-800/ZX5	Online type	3 phase 575V	560	438327
G711570400000206	NJR5-900/ZX5	Online type	3 phase 575V	630	438328
G711570400000207	NJR5-1000/ZX5	Online type	3 phase 575V	800	438329
G711570400000208	NJR5-15/ZX6	Online type	3 phase 690V	11	438330
G711570400000209	NJR5-22/ZX6	Online type	3 phase 690V	18.5	438331
G711570400000210	NJR5-30/ZX6	Online type	3 phase 690V	22	438332
G711570400000211	NJR5-37/ZX6	Online type	3 phase 690V	30	438333
G711570400000212	NJR5-44/ZX6	Online type	3 phase 690V	37	438334
G711570400000213	NJR5-60/ZX6	Online type	3 phase 690V	55	438335
G711570400000214	NJR5-74/ZX6	Online type	3 phase 690V	75	438336
G711570400000215	NJR5-90/ZX6	Online type	3 phase 690V	90	438337
G711570400000216	NJR5-110/ZX6	Online type	3 phase 690V	110	438338
G711570400000217	NJR5-150/ZX6	Online type	3 phase 690V	132	438339
G711570400000218	NJR5-180/ZX6	Online type	3 phase 690V	160	438340
G711570400000219	NJR5-220/ZX6	Online type	3 phase 690V	200	438341
G711570400000220	NJR5-264/ZX6	Online type	3 phase 690V	250	438342
G711570400000221	NJR5-320/ZX6	Online type	3 phase 690V	315	438343
G711570400000222	NJR5-370/ZX6	Online type	3 phase 690V	355	438344
G711570400000223	NJR5-440/ZX6	Online type	3 phase 690V	400	438345
G711570400000224	NJR5-500/ZX6	Online type	3 phase 690V	400	438346
G711570400000225	NJR5-560/ZX6	Online type	3 phase 690V	500	438347
G711570400000226	NJR5-630/ZX6	Online type	3 phase 690V	560	438348
G711570400000227	NJR5-710/ZX6	Online type	3 phase 690V	630	438349
G711570400000228	NJR5-800/ZX6	Online type	3 phase 690V	710	438350
G711570400000229	NJR5-900/ZX6	Online type	3 phase 690V	800	438351
G711570400000230	NJR5-1000/ZX6	Online type	3 phase 690V	900	438352

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Industrial Control Components

3.5 Contactor

3.5.1 NC8



General Description

NC8 series AC contactors are mainly used for AC 50Hz (or 60Hz) with rated working voltage up to 690V. In the circuit with rated working current up to 1000A under AC-3/415V(400/380V) usage category, they can be used for making and breaking circuits at a long distance, and can be combined with an appropriate thermal overload relay to form an electromagnetic starter for protection.

- Rated current: 6-1000A(AC-3), 1260- 2650A(AC-1)
- Poles: 3P/4P
- Built-in auxiliary contact: 1NO+1NC/2NO+2NC
- Matched accessories: top mounting/side mounting auxiliary contact, mechanical interlock, pneumatic timer, surge arrester

Full product range: be suitable for various applications
Reliable: save the time and cost for replacement

NC8	- 06	M	01	/ 22	/ Z	/ N	220V	50Hz
Product Series	**Rated Current (AC-3)**	**Contactor Type**	**Auxiliary Contact**	**Main Contact**	**Coil Type**	**Function**	**Control Voltage**	**Frequency**
	06: 6A 09: 9A 12: 12A 18: 18A 25: 25A 32: 32A 38: 38A 40: 40A 50: 50A 65: 65A 80: 80A 100: 100A 115: 115A 150: 150A 170: 170A 205: 205A 265: 265A 300: 300A 400: 400A 500: 500A 630: 630A 800: 800A 1000: 1000A 1260: 1260A (AC-1) 1450: 1450A (AC-1) 1700: 1700A (AC-1) 2100: 2100A (AC-1) 2650: 2650A (AC-1)	Blank: standard type (9~2650A) M: miniature type (6~12A)	Blank: 1NO+1NC (standard type, 9~100A) 2NO+2NC (115~1260A) no auxiliary contact (1450~2650A) no auxiliary contact (4P contactor) 01: 1NC (miniature type) 10: 1NO (miniature type) 22: 2NO+2NC (standard type, 9~38A)	Blank: 3NO (6~2650A) 22: 2NO+2NC (6~100A) 4: 4NO (6~100A)	Blank: standard AC coil Z: standard DC coil W: wide band AC/DC coil YZ: low power consumption DC coil	Blank: non-reversing N: reversing	**6~100A:** 24V: AC24V 110V: AC110V 120V: AC120V 220V: AC220V 230V: AC230V 240V: AC240V 380V: AC380V 400V: AC400V 415V: AC415V 440V: AC440V DC24V: DC24V DC48V: DC48V DC110V: DC110V DC220V: DC220V AC/DC 24~60V AC/DC 48~130V AC/DC 100~250V **115~500A:** AC/DC 110~127V AC/DC 220~240V AC/DC 380~415V AC/DC 100~250V (115~170A only) **630~1260A:** AC/DC 48V AC/DC 110~127V AC/DC 220~240V AC/DC 380~415V AC/DC 100~250V AC/DC 250~500V **1450~2650A:** 220V: AC220V 380V: AC380V	50Hz 60Hz 50/60Hz

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Industrial Control Components

NC8 SKU

	AC-3 Current	Main Contacts	Telesignal	Coil	SKU	Code
NC8-06A	6A	3NO	1NC	AC380/400V 50/60Hz	NC8-06M01 380/400V 50/60Hz	241985
	6A	3NO	1NC	AC220/230V 50/60Hz	NC8-06M01 220/230V 50/60Hz	241986
	6A	3NO	1NO	AC380/400V 50/60Hz	NC8-06M10 380/400V 50/60Hz	241961
	6A	3NO	1NO	AC220/230V 50/60Hz	NC8-06M10 220/230V 50/60Hz	241962
	6A	3NO	1NC	DC24V	NC8-06M01/Z DC24V	242036
	6A	3NO	1NO	DC24V	NC8-06M10/Z DC24V	242012
NC8-09A	9A	3NO	1NC	AC380/400V 50/60Hz	NC8-09M01 380/400V 50/60Hz	241989
	9A	3NO	1NC	AC220/230V 50/60Hz	NC8-09M01 220/230V 50/60Hz	241990
	9A	3NO	1NO	AC380/400V 50/60Hz	NC8-09M10 380/400V 50/60Hz	241965
	9A	3NO	1NO	AC220/230V 50/60Hz	NC8-09M10 220/230V 50/60Hz	241966
	9A	3NO	1NC	DC24V	NC8-09M01/Z DC24V	242040
	9A	3NO	1NO	DC24V	NC8-09M10/Z DC24V	242016
NC8-12A	12A	3NO	1NC	AC380/400V 50/60Hz	NC8-12M01 380/400V 50/60Hz	241993
	12A	3NO	1NC	AC220/230V 50/60Hz	NC8-12M01 220/230V 50/60Hz	241994
	12A	3NO	1NO	AC380/400V 50/60Hz	NC8-12M10 380/400V 50/60Hz	241969
	12A	3NO	1NO	AC220/230V 50/60Hz	NC8-12M10 220/230V 50/60Hz	241970
	12A	3NO	1NC	DC24V	NC8-12M01/Z DC24V	242044
	12A	3NO	1NO	DC24V	NC8-12M10/Z DC24V	242020

NC8 SKU

	AC-3 Current	Main Contacts	Telesignal	Coil	SKU	Code
	6A	4NO	-	AC380/400V 50/60Hz	NC8-06M/4 380/400V 50/60Hz	241973
	6A	4NO	-	AC220/230V 50/60Hz	NC8-06M/4 220/230V 50/60Hz	241974
	6A	4NO	-	DC24V	NC8-06M/4/Z DC24V	242024
	9A	4NO	-	AC380/400V 50/60Hz	NC8-09M/4 380/400V 50/60Hz	241977
	9A	4NO	-	AC220/230V 50/60Hz	NC8-09M/4 220/230V 50/60Hz	241978
	9A	4NO	-	DC24V	NC8-09M/4/Z DC24V	242028
	12A	4NO	-	AC380/400V 50/60Hz	NC8-12M/4 380/400V 50/60Hz	241981
	12A	4NO	-	AC220/230V 50/60Hz	NC8-12M/4 220/230V 50/60Hz	241982
	12A	4NO	-	DC24V	NC8-12M/4/Z DC24V	242032

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Industrial Control Components

NC8 SKU

	AC-3 Current	Main Contacts	Telesignal	Coil	SKU	Code
	9A	3NO	1NO+1NC	AC380V 50/60Hz	NC8-09 380V 50/60Hz	252730
	9A	3NO	1NO+1NC	AC220V 50/60Hz	NC8-09 220V 50/60Hz	665037
	9A	3NO	1NO+1NC	AC400V 50/60Hz	NC8-09 400V 50/60Hz	665850
	9A	3NO	1NO+1NC	AC240V 50/60Hz	NC8-09 240V 50/60Hz	781634
	9A	3NO	1NO+1NC	DC24V	NC8-09/YZ DC24V	520873
	9A	3NO	1NO+1NC	DC24V	NC8-09/Z DC24V	665821
	9A	4NO	-	AC220V 50/60Hz	NC8-09/4 220V 50/60Hz	252743
	9A	4NO	-	AC230V 50/60Hz	NC8-09/4 230V 50/60Hz	252745
	9A	4NO	-	AC380V 50/60Hz	NC8-09/4 380V 50/60Hz	252749
	9A	4NO	-	DC24V	NC8-09/4/Z DC24V	665901
	12A	3NO	1NO+1NC	AC220V 50/60Hz	NC8-12 220V 50/60Hz	252758
	12A	3NO	1NO+1NC	AC380V 50/60Hz	NC8-12 380V 50/60Hz	252764
	12A	3NO	1NO+1NC	AC230V 50/60Hz	NC8-12 230V 50/60Hz	665071
	12A	3NO	1NO+1NC	DC24V	NC8-12/YZ DC24V	520879
	12A	3NO	1NO+1NC	DC24V	NC8-12/Z DC24V	665825
	12A	4NO	-	AC220V 50/60Hz	NC8-12/4 220V 50/60Hz	252776
	12A	4NO	-	AC380V 50/60Hz	NC8-12/4 380V 50/60Hz	252780
	12A	4NO	-	AC230V 50/60Hz	NC8-12/4 230V 50/60Hz	781247
	12A	4NO	-	DC24V	NC8-12/4/Z DC24V	665905
	18A	3NO	1NO+1NC	AC380V 50/60Hz	NC8-18 380V 50/60Hz	252793
	18A	3NO	1NO+1NC	AC220V 50/60Hz	NC8-18 220V 50/60Hz	665108
	18A	3NO	1NO+1NC	AC230V 50/60Hz	NC8-18 230V 50/60Hz	665109
	18A	3NO	1NO+1NC	DC24V	NC8-18/YZ DC24V	520885
	18A	3NO	1NO+1NC	DC24V	NC8-18/Z DC24V	665829
	18A	4NO	-	AC220V 50/60Hz	NC8-18/4 220V 50/60Hz	252805
	18A	4NO	-	AC50/60Hz	NC8-18/4 380V 50/60Hz	252809
	18A	4NO	-	AC230V 50/60Hz	NC8-18/4 230V 50/60Hz	665111
	18A	4NO	-	DC24V	NC8-18/4/Z DC24V	781003
	25A	3NO	1NO+1NC	AC380V 50/60Hz	NC8-25 380V 50/60Hz	252824
	25A	3NO	1NO+1NC	AC230V 50/60Hz	NC8-25 230V 50/60Hz	665854
	25A	3NO	1NO+1NC	AC220V 50/60Hz	NC8-25 220V 50/60Hz	781309
	25A	3NO	1NO+1NC	DC24V	NC8-25/Z DC24V	665714
	25A	4NO	-	AC220V 50/60Hz	NC8-25/4 220V 50/60Hz	252836
	25A	4NO	-	AC380V 50/60Hz	NC8-25/4 380V 50/60Hz	252843
	25A	4NO	-	AC230V 50/60Hz	NC8-25/4 230V 50/60Hz	781248
	25A	4NO	-	DC24V	NC8-25/4/Z DC24V	781159
	32A	3NO	1NO+1NC	AC380V 50/60Hz	NC8-32 380V 50/60Hz	252860
	32A	3NO	1NO+1NC	AC230V 50/60Hz	NC8-32 230V 50/60Hz	665856
	32A	3NO	1NO+1NC	AC220V 50/60Hz	NC8-32 220V 50/60Hz	781314

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Industrial Control Components

NC8 SKU

	AC-3 Current	Main Contacts	Telesignal	Coil	SKU	Code
	32A	3NO	1NO+1NC	DC24V	NC8-32/Z DC24V	665718
	32A	4NO	-	AC220V 50/60Hz	NC8-32/4 220V 50/60Hz	252873
	32A	4NO	-	AC380V 50/60Hz	NC8-32/4 380V 50/60Hz	252880
	32A	4NO	-	AC230V 50/60Hz	NC8-32/4 230V 50/60Hz	665117
	32A	4NO	-	DC24V	NC8-32/4/Z DC24V	781163
	38A	3NO	1NO+1NC	AC220V 50/60Hz	NC8-38 220V 50/60Hz	219736
	38A	3NO	1NO+1NC	AC380V 50/60Hz	NC8-38 380V 50/60Hz	253200
	38A	3NO	1NO+1NC	AC230V 50/60Hz	NC8-38 230V 50/60Hz	665119
	38A	3NO	1NO+1NC	DC24V	NC8-38/Z DC24V	665722
	38A	4NO	-	AC220V 50/60Hz	NC8-38/4 220V 50/60Hz	253204
	38A	4NO	-	AC230V 50/60Hz	NC8-38/4 230V 50/60Hz	253206
	38A	4NO	-	AC380V 50/60Hz	NC8-38/4 380V 50/60Hz	253213
	38A	4NO	-	DC24V	NC8-38/4/Z DC24V	781167
	40A	3NO	1NO+1NC	AC380V 50/60Hz	NC8-40 380V 50/60Hz	253231
	40A	3NO	1NO+1NC	AC230V 50/60Hz	NC8-40 230V 50/60Hz	665652
	40A	3NO	1NO+1NC	AC220V 50/60Hz	NC8-40 220V 50/60Hz	781294
	40A	3NO	1NO+1NC	AC/DC 24V-60V	NC8-40/W AC/DC 24V-60V	506487
	40A	3NO	1NO+1NC	AC/DC 48-130V	NC8-40/W AC/DC 48-130V	506488
	40A	3NO	1NO+1NC	AC/DC 100-250V	NC8-40/W AC/DC 100-250V	506489
	40A	3NO	1NO+1NC	DC24V	NC8-40/Z DC24V	781135
	40A	4NO	-	AC220V 50/60Hz	NC8-40/4 220V 50/60Hz	253235
	40A	4NO	-	AC380V 50/60Hz	NC8-40/4 380V 50/60Hz	253241
	40A	4NO	-	AC230V 50/60Hz	NC8-40/4 230V 50/60Hz	781249
	40A	4NO	-	AC/DC 24V-60V 4P	NC8-40/4/W AC/DC 24V-60V 4P	506490
	40A	4NO	-	AC/DC 48-130V 4P	NC8-40/4/W AC/DC 48-130V 4P	506491
	40A	4NO	-	AC/DC 100-250V 4P	NC8-40/4/W AC/DC 100-250V 4P	506492
	40A	4NO	-	DC24V	NC8-40/4/Z DC24V	781147
	50A	3NO	1NO+1NC	AC380V 50/60Hz	NC8-50 380V 50/60Hz	253248
	50A	3NO	1NO+1NC	AC230V 50/60Hz	NC8-50 230V 50/60Hz	665782
	50A	3NO	1NO+1NC	AC220V 50/60Hz	NC8-50 220V 50/60Hz	781315
	50A	3NO	1NO+1NC	AC/DC 24V-60V	NC8-50/W AC/DC 24V-60V	506496
	50A	3NO	1NO+1NC	AC/DC 48-130V	NC8-50/W AC/DC 48-130V	506497
	50A	3NO	1NO+1NC	AC/DC 100-250V	NC8-50/W AC/DC 100-250V	506498
	50A	3NO	1NO+1NC	DC24V	NC8-50/Z DC24V	781139
	50A	4NO	-	AC220V 50/60Hz	NC8-50/4 220V 50/60Hz	253252
	50A	4NO	-	AC380V 50/60Hz	NC8-50/4 380V 50/60Hz	253258
	50A	4NO	-	AC230V 50/60Hz	NC8-50/4 230V 50/60Hz	781250
	50A	4NO	-	AC/DC 24V-60V 4P	NC8-50/4/W AC/DC 24V-60V 4P	506499
	50A	4NO	-	AC/DC 48-130V 4P	NC8-50/4/W AC/DC 48-130V 4P	506500

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Industrial Control Components

NC8 SKU

	AC-3 Current	Main Contacts	Telesignal	Coil	SKU	Code
	50A	4NO	-	AC/DC 100-250V 4P	NC8-50/4/W AC/DC 100-250V 4P	506501
	50A	4NO	-	DC24V	NC8-50/4/Z DC24V	781151
	65A	3NO	1NO+1NC	AC380V 50/60Hz	NC8-65 380V 50/60Hz	253265
	65A	3NO	1NO+1NC	AC230V 50/60Hz	NC8-65 230V 50/60Hz	665124
	65A	3NO	1NO+1NC	AC220V 50/60Hz	NC8-65 220V 50/60Hz	781295
	65A	3NO	1NO+1NC	AC/DC 24V-60V	NC8-65/W AC/DC 24V-60V	506505
	65A	3NO	1NO+1NC	AC/DC 48-130V	NC8-65/W AC/DC 48-130V	506506
	65A	3NO	1NO+1NC	AC/DC 100-250V	NC8-65/W AC/DC 100-250V	506507
	65A	3NO	1NO+1NC	DC24V	NC8-65/Z DC24V	781143
	65A	4NO	-	AC220V 50/60Hz	NC8-65/4 220V 50/60Hz	253269
	65A	4NO	-	AC380V 50/60Hz	NC8-65/4 380V 50/60Hz	253275
	65A	4NO	-	AC230V 50/60Hz	NC8-65/4 230V 50/60Hz	781251
	65A	4NO	-	AC/DC 24V-60V 4P	NC8-65/4/W AC/DC 24V-60V 4P	506508
	65A	4NO	-	AC/DC 48-130V 4P	NC8-65/4/W AC/DC 48-130V 4P	506509
	65A	4NO	-	AC/DC 100-250V 4P	NC8-65/4/W AC/DC 100-250V 4P	506510
	65A	4NO	-	DC24V	NC8-65/4/Z DC24V	781155
	80A	3NO	1NO+1NC	AC380V 50/60Hz	NC8-80 380V 50/60Hz	253282
	80A	3NO	1NO+1NC	AC230V 50/60Hz	NC8-80 230V 50/60Hz	665859
	80A	3NO	1NO+1NC	AC220V 50/60Hz	NC8-80 220V 50/60Hz	781296
	80A	3NO	1NO+1NC	AC/DC 24V-60V	NC8-80/W AC/DC 24V-60V	506514
	80A	3NO	1NO+1NC	AC/DC 48-130V	NC8-80/W AC/DC 48-130V	506515
	80A	3NO	1NO+1NC	AC/DC 100-250V	NC8-80/W AC/DC 100-250V	506516
	80A	3NO	1NO+1NC	DC24V	NC8-80/Z DC24V	781119
	80A	4NO	-	AC220V 50/60Hz	NC8-80/4 220V 50/60Hz	253286
	80A	4NO	-	AC380V 50/60Hz	NC8-80/4 380V 50/60Hz	253292
	80A	4NO	-	AC230V 50/60Hz	NC8-80/4 230V 50/60Hz	781252
	80A	4NO	-	AC/DC 24V-60V 4P	NC8-80/4/W AC/DC 24V-60V 4P	506517
	80A	4NO	-	AC/DC 48-130V 4P	NC8-80/4/W AC/DC 48-130V 4P	506518
	80A	4NO	-	AC/DC 100-250V 4P	NC8-80/4/W AC/DC 100-250V 4P	506519
	80A	4NO	-	DC24V	NC8-80/4/Z DC24V	781127
	100A	3NO	1NO+1NC	AC380V 50/60Hz	NC8-100 380V 50/60Hz	253297
	100A	3NO	1NO+1NC	AC230V 50/60Hz	NC8-100 230V 50/60Hz	665781
	100A	3NO	1NO+1NC	AC220V 50/60Hz	NC8-100 220V 50/60Hz	665852
	100A	3NO	1NO+1NC	AC/DC 24V-60V	NC8-100/W AC/DC 24V-60V	506523
	100A	3NO	1NO+1NC	AC/DC 48-130V	NC8-100/W AC/DC 48-130V	506524
	100A	3NO	1NO+1NC	AC/DC 100-250V	NC8-100/W AC/DC 100-250V	506525
	100A	3NO	1NO+1NC	DC24V	NC8-100/Z DC24V	781123
	100A	4NO	-	AC220V 50/60Hz	NC8-100/4 220V 50/60Hz	253302
	100A	4NO	-	AC380V 50/60Hz	NC8-100/4 380V 50/60Hz	253308

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Industrial Control Components

NC8 SKU

	AC-3 Current	Main Contacts	Telesignal	Coil	SKU	Code
	100A	4NO	-	AC230V 50/60Hz	NC8-100/4 230V 50/60Hz	665068
	100A	4NO	-	AC/DC 100-250V 4P	NC8-100/4/W AC/DC 100-250V 4P	506528
	100A	4NO	-	AC/DC 24V-60V 4P	NC8-100/4/W AC/DC 24V-60V 4P	506526
	100A	4NO	-	AC/DC 48-130V 4P	NC8-100/4/W AC/DC 48-130V 4P	506527
	100A	4NO	-	DC24V	NC8-100/4/Z DC24V	781131
NC8-115A	115A	3NO	2NO+2NC	100V-250V AC/DC	NC8-115/W 100V-250V AC/DC	193194
	115A	3NO	2NO+2NC	220V-240V AC/DC	NC8-115 220V-240V AC/DC	665790
	115A	3NO	2NO+2NC	380V-415V AC/DC	NC8-115 380V-415V AC/DC	665791
NC8-150A	150A	3NO	2NO+2NC	100V-250V AC/DC	NC8-150/W 100V-250V AC/DC	193195
	150A	3NO	2NO+2NC	220V-240V AC/DC	NC8-150 220V-240V AC/DC	665798
	150A	3NO	2NO+2NC	380V-415V AC/DC	NC8-150 380V-415V AC/DC	665799
NC8-170A	170A	3NO	2NO+2NC	100V-250V AC/DC	NC8-170/W 100V-250V AC/DC	193196
	170A	3NO	2NO+2NC	220V-240V AC/DC	NC8-170 220V-240V AC/DC	665806
	170A	3NO	2NO+2NC	380V-415V AC/DC	NC8-170 380V-415V AC/DC	665807
	205A	3NO	2NO+2NC	AC/DC 220V-240V	NC8-205 AC/DC 220V-240V	781305
	205A	3NO	2NO+2NC	AC/DC 380V-415V	NC8-205 AC/DC 380V-415V	781306
	265A	3NO	2NO+2NC	AC/DC 220V-240V	NC8-265 AC/DC 220V-240V	781299
	265A	3NO	2NO+2NC	AC/DC 380V-415V	NC8-265 AC/DC 380V-415V	781300
	300A	3NO	2NO+2NC	AC/DC 220V-240V	NC8-300 AC/DC 220V-240V	781302
	300A	3NO	2NO+2NC	AC/DC 380V-415V	NC8-300 AC/DC 380V-415V	781303
NC8-400A	400A	3NO	1NO+1NC	AC/DC 380V-415V	NC8-400 AC/DC 380V-415V	781355
	400A	3NO	1NO+1NC	AC/DC 220V-240V	NC8-400 AC/DC 220V-240V	781356
NC8-500A	500A	3NO	2NO+2NC	AC/DC 380V-415V	NC8-500 AC/DC 380V-415V	781358
	500A	3NO	2NO+2NC	AC/DC 220V-240V	NC8-500 AC/DC 220V-240V	781359
	630A	3NO	2NO+2NC	AC/DC220V-240V	NC8-630 AC/DC220V-240V	506464
	630A	3NO	2NO+2NC	AC/DC380V-415V	NC8-630 AC/DC380V-415V	506465
	630A	3NO	2NO+2NC	AC/DC100V-250V	NC8-630/W AC/DC100V-250V	506467
	630A	3NO	2NO+2NC	AC/DC250V-500V	NC8-630/W AC/DC250V-500V	506468
	800A	3NO	2NO+2NC	AC/DC220V-240V	NC8-800 AC/DC220V-240V	506470
	800A	3NO	2NO+2NC	AC/DC380V-415V	NC8-800 AC/DC380V-415V	506471
	800A	3NO	2NO+2NC	AC/DC100V-250V	NC8-800/W AC/DC100V-250V	506473
	800A	3NO	2NO+2NC	AC/DC250V-500V	NC8-800/W AC/DC250V-500V	506474

3.0

Industrial Control Components

NC8 SKU

	AC-3 Current	Main Contacts	Telesignal	Coil	SKU	Code
	1000A	3NO	2NO+2NC	AC/DC220V-240V	NC8-1000 AC/DC220V-240V	506476
	1000A	3NO	2NO+2NC	AC/DC380V-415V	NC8-1000 AC/DC380V-415V	506477
	1000A	3NO	2NO+2NC	AC/DC100V-250V	NC8-1000/W AC/DC100V-250V	506479
	1000A	3NO	2NO+2NC	AC/DC250V-500V	NC8-1000/W AC/DC250V-500V	506480
	1260A (AC-1)	3NO	2NO+2NC	AC/DC220V-240V	NC8-1260 AC/DC220V-240V	506482
	1260A (AC-1)	3NO	2NO+2NC	AC/DC380V-415V	NC8-1260 AC/DC380V-415V	506483
	1260A (AC-1)	3NO	2NO+2NC	AC/DC100V-250V	NC8-1260/W AC/DC100V-250V	506485
	1260A (AC-1)	3NO	2NO+2NC	AC/DC250V-500V	NC8-1260/W AC/DC250V-500V	506486
NC8-1450A	1450A (AC-1)	3NO	-	AC220V 50/60Hz	NC8-1450 220V 50/60Hz	537723
	1450A (AC-1)	3NO	-	AC380V 50/60Hz	NC8-1450 380V 50/60Hz	537724
NC8-1700A	1700A AC-1)	3NO	-	AC220V 50/60Hz	NC8-1700 220V 50/60Hz	537725
	1700A AC-1)	3NO	-	AC380V 50/60Hz	NC8-1700 380V 50/60Hz	537726
NC8-2100A	2100A (AC-1)	3NO	-	AC220V 50/60Hz	NC8-2100 220V 50/60Hz	537727
	2100A (AC-1)	3NO	-	AC380V 50/60Hz	NC8-2100 380V 50/60Hz	537728
NC8-2650A	2650A (AC-1)	3NO	-	AC220V 50/60Hz	NC8-2650 220V 50/60Hz	537729
	2650A (AC-1)	3NO	-	AC380V 50/60Hz	NC8-2650 380V 50/60Hz	537730

3.0 Industrial Control Components

3.5.2 NXC



General Description

The new NXC AC contactors feature a novel appearance and a compact structure. They are mainly used for frequent starts and control of AC motors as well as remote circuit making /breaking. They can also be combined with appropriate thermal overload relays to form electromagnetic starters.

Compliant standards: IEC/EN 60947-1, IEC/EN 60947-4-1, IEC/EN 60947-5-1.

- Rated current: 6~630A(AC-3)
- Poles: 3P
- Built-in auxiliary contact: 1NO+1NC/2NO+2NC
- Matched accessories: top mounting/side mounting auxiliary contact, mechanical interlock, pneumatic timer, surge arrester

Dust proof cover: be suitable for harsh environment
Reliable: save the time and cost for replacement

NXC	- 06	M	01	/ 22	/ Z	/ N	220V	50Hz
Product Series	**Rated Current (AC-3)**	**Contactor Type**	**Telesignal**	**Main Contact**	**Coil Type**	**Function**	**Control Voltage**	**Frequency**
	06: 6A 09: 9A 12: 12A 16: 16A 18: 18A 22: 22A 25: 25A 32: 32A 38: 38A 40: 40A 50: 50A 65: 65A 75: 75A 85: 85A 100: 100A 120: 120A 160: 160A 185: 185A 225: 225A 265: 265A 330: 330A 400: 400A 500: 500A 630: 630A	Blank: Standard type (6~630A) M: Miniature type (6~16A)	Blank: 1NO+1NC (standard type, 6~100A) 2NO+2NC (120~630A) No auxiliary contact (1450~2650A) No auxiliary contact (4P contactor) 01: 1NC (miniature type) 10: 1NO (miniature type)	Blank: 3NO (6~630A) 22: 2NO+2NC (miniature type) 4: 4NO (miniature type)	Blank: Standard AC coil Z: Standard DC coil (miniature type)	Blank: Non-reversing N: Reversing	6~225A: 24V: AC24V (6~100A only) 110V: AC110V 127V: AC127V 220V: AC220V 230V: AC230V 240V: AC240V 380V: AC380V 400V: AC400V 415V: AC415V 440V: AC440V DC24V: DC24V (miniature type only) DC48V: DC48V (miniature type only) DC110V: DC110V (miniature type only) DC220V: DC220V (miniature type only) 265~630A: AC/DC 110~127V AC/DC 220~240V AC/DC 380~415V	50Hz 60Hz 50/60Hz

3.0 Industrial Control Components

NXC SKU

	AC-3 Current	Main Contacts	Telesignal	Coil	SKU	Code
NXC-06A	6A	3NO	1NC	AC 380V 50/60Hz	NXC-06M01 380V 50/60Hz	836583
	6A	3NO	1NC	AC 220V 50/60Hz	NXC-06M01 220V 50/60Hz	836584
	6A	3NO	1NC	DC 24V	NXC-06M01/Z DC 24V	836666
	6A	3NO	1NO	AC 380V 50/60Hz	NXC-06M10 380V 50/60Hz	836571
	6A	3NO	1NO	AC 220V 50/60Hz	NXC-06M10 220V 50/60Hz	836572
	6A	3NO	1NO	DC 24V	NXC-06M10/Z DC 24V	836657
NXC-09A	9A	3NO	1NC	AC 380V 50/60Hz	NXC-09M01 380V 50/60Hz	836587
	9A	3NO	1NC	AC 220V 50/60Hz	NXC-09M01 220V 50/60Hz	836588
	9A	3NO	1NC	DC 24V	NXC-09M01/Z DC 24V	836669
	9A	3NO	1NO	AC 380V 50/60Hz	NXC-09M10 380V 50/60Hz	836575
	9A	3NO	1NO	AC 220V 50/60Hz	NXC-09M10 220V 50/60Hz	836576
	9A	3NO	1NO	DC 24V	NXC-09M10/Z DC 24V	836660
NXC-12A	12A	3NO	1NC	AC 380V 50/60Hz	NXC-12M01 380V 50/60Hz	836591
	12A	3NO	1NC	AC 220V 50/60Hz	NXC-12M01 220V 50/60Hz	836592
	12A	3NO	1NC	DC 24V	NXC-12M01/Z DC 24V	836672
	12A	3NO	1NO	AC 380V 50/60Hz	NXC-12M10 380V 50/60Hz	836579
	12A	3NO	1NO	AC 220V 50/60Hz	NXC-12M10 220V 50/60Hz	836580
	12A	3NO	1NO	DC 24V	NXC-12M10/Z DC 24V	836663
NXC-16A	16A	3NO	1NC	AC 380V 50/60Hz	NXC-16M01 380V 50/60Hz	171741
	16A	3NO	1NC	AC 220V 50/60Hz	NXC-16M01 220V 50/60Hz	171742
	16A	3NO	1NC	DC 24V	NXC-16M01/Z DC 24V	171747
	16A	3NO	1NO	AC 380V 50/60Hz	NXC-16M10 380V 50/60Hz	171734
	16A	3NO	1NO	AC 220V 50/60Hz	NXC-16M10 220V 50/60Hz	171735
	16A	3NO	1NO	DC 24V	NXC-16M10/Z DC 24V	171740

NXC SKU

	AC-3 Current	Main Contacts	Auxiliary Contacts	Coil	Model Description	Code
	6A	4NO	-	AC 380V 50/60Hz	NXC-06M/4 380V 50/60Hz	836595
	6A	4NO	-	AC 220V 50/60Hz	NXC-06M/4 220V 50/60Hz	836596
	6A	4NO	-	DC 24V	NXC-06M/4/Z DC 24V	836675
	9A	4NO	-	AC 380V 50/60Hz	NXC-09M/4 380V 50/60Hz	836599
	9A	4NO	-	AC 220V 50/60Hz	NXC-09M/4 220V 50/60Hz	836600
	9A	4NO	-	DC 24V	NXC-09M/4/Z DC 24V	836678
	12A	4NO	-	AC 380V 50/60Hz	NXC-12M/4 380V 50/60Hz	836603
	12A	4NO	-	AC 220V 50/60Hz	NXC-12M/4 220V 50/60Hz	836604
	12A	4NO	-	DC 24V	NXC-12M/4/Z DC 24V	836681
	16A	4NO	-	AC 380V 50/60Hz	NXC-16M/4 380V 50/60Hz	171748
	16A	4NO	-	AC 220V 50/60Hz	NXC-16M/4 220V 50/60Hz	171749
	16A	4NO	-	DC 24V	NXC-16M/4/Z DC 24V	171754

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Industrial Control Components

NXC SKU

	AC-3 Current	Main Contacts	Telesignal	Coil	SKU	Code
	6A	3NO	1NO+1NC	AC 220V 50/60Hz	NXC-06 220V 50/60Hz	925289
	6A	3NO	1NO+1NC	AC 380V 50/60Hz	NXC-06 380V 50/60Hz	925301
	6A	3NO	1NO+1NC	AC 230V 50/60Hz	NXC-06 230V 50/60Hz	938706
	9A	3NO	1NO+1NC	AC 220V 50/60Hz	NXC-09 220V 50/60Hz	925353
	9A	3NO	1NO+1NC	AC 380V 50/60Hz	NXC-09 380V 50/60Hz	925365
	9A	3NO	1NO+1NC	AC 230V 50/60Hz	NXC-09 230V 50/60Hz	938712
	9A	4NO	-	AC 380V 50/60Hz	NXC-09/4 380V 50/60Hz	301850
	9A	4NO	-	AC 220V 50/60Hz	NXC-09/4 220V 50/60Hz	301898
	12A	3NO	1NO+1NC	AC 220V 50/60Hz	NXC-12 220V 50/60Hz	925479
	12A	3NO	1NO+1NC	AC 380V 50/60Hz	NXC-12 380V 50/60Hz	925491
	12A	3NO	1NO+1NC	AC 230V 50/60Hz	NXC-12 230V 50/60Hz	938718
	12A	4NO	-	AC 220V 50/60Hz	NXC-12/4 220V 50/60Hz	301895
	12A	4NO	-	AC 380V 50/60Hz	NXC-12/4 380V 50/60Hz	301903
	16A	3NO	1NO+1NC	AC 220V 50/60Hz	NXC-16 220V 50/60Hz	925543
	16A	3NO	1NO+1NC	AC 380V 50/60Hz	NXC-16 380V 50/60Hz	925555
	16A	3NO	1NO+1NC	AC 230V 50/60Hz	NXC-16 230V 50/60Hz	938724
	18A	3NO	1NO+1NC	AC 220V 50/60Hz	NXC-18 220V 50/60Hz	925607
	18A	3NO	1NO+1NC	AC 380V 50/60Hz	NXC-18 380V 50/60Hz	925619
	18A	3NO	1NO+1NC	AC 230V 50/60Hz	NXC-18 230V 50/60Hz	938526
	22A	3NO	1NO+1NC	AC 220V 50/60Hz	NXC-22 220V 50/60Hz	925671
	22A	3NO	1NO+1NC	AC 380V 50/60Hz	NXC-22 380V 50/60Hz	925683
	22A	3NO	1NO+1NC	AC 230V 50/60Hz	NXC-22 230V 50/60Hz	938249
	25A	3NO	1NO+1NC	AC 220V 50/60Hz	NXC-25 220V 50/60Hz	925735
	25A	3NO	1NO+1NC	AC 380V 50/60Hz	NXC-25 380V 50/60Hz	925747
	25A	3NO	1NO+1NC	AC 230V 50/60Hz	NXC-25 230V 50/60Hz	938244
	25A	4NO	-	AC 220V 50/60Hz	NXC-25/4 220V 50/60Hz	301877
	25A	4NO	-	AC 380V 50/60Hz	NXC-25/4 380V 50/60Hz	301936
	32A	3NO	1NO+1NC	AC 220V 50/60Hz	NXC-32 220V 50/60Hz	925213
	32A	3NO	1NO+1NC	AC 380V 50/60Hz	NXC-32 380V 50/60Hz	925807
	32A	3NO	1NO+1NC	AC 230V 50/60Hz	NXC-32 230V 50/60Hz	938287
	38A	3NO	1NO+1NC	AC 220V 50/60Hz	NXC-38 220V 50/60Hz	925859
	38A	3NO	1NO+1NC	AC 380V 50/60Hz	NXC-38 380V 50/60Hz	925871
	38A	3NO	1NO+1NC	AC 230V 50/60Hz	NXC-38 230V 50/60Hz	938245
	40A	3NO	1NO+1NC	AC 220V 50/60Hz	NXC-40 220V 50/60Hz	925923
	40A	3NO	1NO+1NC	AC 380V 50/60Hz	NXC-40 380V 50/60Hz	925935
	40A	3NO	1NO+1NC	AC 230V 50/60Hz	NXC-40 230V 50/60Hz	956040
	40A	4NO	-	AC 220V 50/60Hz	NXC-40/4 220V 50/60Hz	299966
	40A	4NO	-	AC 380V 50/60Hz	NXC-40/4 380V 50/60Hz	299967

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Industrial Control Components

NXC SKU

	AC-3 Current	Main Contacts	Telesignal	Coil	SKU	Code
	32A	3NO	1NO+1NC	AC 220V 50/60Hz	NXC-32 220V 50/60Hz	925213
	32A	3NO	1NO+1NC	AC 380V 50/60Hz	NXC-32 380V 50/60Hz	925807
	32A	3NO	1NO+1NC	AC 230V 50/60Hz	NXC-32 230V 50/60Hz	938287
	38A	3NO	1NO+1NC	AC 220V 50/60Hz	NXC-38 220V 50/60Hz	925859
	38A	3NO	1NO+1NC	AC 380V 50/60Hz	NXC-38 380V 50/60Hz	925871
	38A	3NO	1NO+1NC	AC 230V 50/60Hz	NXC-38 230V 50/60Hz	938245
	40A	3NO	1NO+1NC	AC 220V 50/60Hz	NXC-40 220V 50/60Hz	925923
	40A	3NO	1NO+1NC	AC 380V 50/60Hz	NXC-40 380V 50/60Hz	925935
	40A	3NO	1NO+1NC	AC 230V 50/60Hz	NXC-40 230V 50/60Hz	956040
	40A	4NO	-	AC 220V 50/60Hz	NXC-40/4 220V 50/60Hz	299966
	40A	4NO	-	AC 380V 50/60Hz	NXC-40/4 380V 50/60Hz	299967
	95A	4NO	-	AC 220V 50/60Hz	NXC-95/4 220V 50/60Hz	300221
	95A	4NO	-	AC 380V 50/60Hz	NXC-95/4 380V 50/60Hz	300223
	100A	3NO	1NO+1NC	AC 220V 50/60Hz	NXC-100 220V 50/60Hz	925416
	100A	3NO	1NO+1NC	AC 380V 50/60Hz	NXC-100 380V 50/60Hz	925427
	100A	3NO	1NO+1NC	AC 230V 50/60Hz	NXC-100 230V 50/60Hz	938247
	120A	3NO	2NO+2NC	AC 230V 50/60Hz	NXC-120 230V 50/60Hz	262298
	120A	3NO	2NO+2NC	AC 220V 50/60Hz	NXC-120 220V 50/60Hz	925250
	120A	3NO	2NO+2NC	AC 380V 50/60Hz	NXC-120 380V 50/60Hz	925251
	160A	3NO	2NO+2NC	AC 220V 50/60Hz	NXC-160 220V 50/60Hz	925254
	160A	3NO	2NO+2NC	AC 380V 50/60Hz	NXC-160 380V 50/60Hz	925255
	160A	3NO	2NO+2NC	AC 230V 50/60Hz	NXC-160 230V 50/60Hz	956520
	185A	3NO	2NO+2NC	AC 230V 50/60Hz	NXC-185 230V 50/60Hz	146689
NXC-185A	185A	3NO	2NO+2NC	AC 220V 50/60Hz	NXC-185 220V 50/60Hz	925258
	185A	3NO	2NO+2NC	AC 380V 50/60Hz	NXC-185 380V 50/60Hz	925259
	225A	3NO	2NO+2NC	AC 220V 50/60Hz	NXC-225 220V 50/60Hz	925262
	225A	3NO	2NO+2NC	AC 380V 50/60Hz	NXC-225 380V 50/60Hz	925263
	225A	3NO	2NO+2NC	AC 230V 50/60Hz	NXC-225 230V 50/60Hz	938248
	265A	3NO	2NO+2NC	AC/DC 380V-415V	NXC-265 AC/DC 380V-415V	836541
NXC-265A	265A	3NO	2NO+2NC	AC/DC 220V-240V	NXC-265 AC/DC 220V-240V	836542
	265A	3NO	2NO+2NC	AC/DC 110V-127V	NXC-265 AC/DC 110V-127V	836543

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Industrial Control Components

NXC SKU

	AC-3 Current	Main Contacts	Telesignal	Coil	SKU	Code
NXC-330A	330A	3NO	2NO+2NC	AC/DC 380V-415V	NXC-330 AC/DC 380V-415V	836544
	330A	3NO	2NO+2NC	AC/DC 220V-240V	NXC-330 AC/DC 220V-240V	836545
	330A	3NO	2NO+2NC	AC/DC 110V-127V	NXC-330 AC/DC 110V-127V	836546
NXC-400A	400A	3NO	2NO+2NC	AC/DC 380V-415V	NXC-400 AC/DC 380V-415V	836547
	400A	3NO	2NO+2NC	AC/DC 220V-240V	NXC-400 AC/DC 220V-240V	836548
	400A	3NO	2NO+2NC	AC/DC 110V-127V	NXC-400 AC/DC 110V-127V	836549
NXC-500A	500A	3NO	2NO+2NC	AC/DC 380V-415V	NXC-500 AC/DC 380V-415V	836559
	500A	3NO	2NO+2NC	AC/DC 220V-240V	NXC-500 AC/DC 220V-240V	836560
	500A	3NO	2NO+2NC	AC/DC 110V-127V	NXC-500 AC/DC 110V-127V	836561
NXC-630A	630A	3NO	2NO+2NC	AC/DC 380V-415V	NXC-630 AC/DC 380V-415V	836562
	630A	3NO	2NO+2NC	AC/DC 220V-240V	NXC-630 AC/DC 220V-240V	836563
	630A	3NO	2NO+2NC	AC/DC 110V-127V	NXC-630 AC/DC 110V-127V	836564
AX-3X	-	-	2NO+2NC	-	AX-3X/22	938251
	-	-	3NO+1NC	-	AX-3X/31	938252
	-	-	1NO+3NC	-	AX-3X/13	938253
	-	-	4NO	-	AX-3X/40	938254
	-	-	4NC	-	AX-3X/04	938255
	-	-	1NO+1NC	-	AX-3X/11	938256
	-	-	2NC	-	AX-3X/02	938257
	-	-	2NO	-	AX-3X/20	938258
AX-3M	-	-	4NO	-	AX-3M/40	925184
	-	-	3NO+1NC	-	AX-3M/31	925185
	-	-	2NO+2NC	-	AX-3M/22	925186
	-	-	1NO+3NC	-	AX-3M/13	925187
	-	-	4NC	-	AX-3M/04	925188
	-	-	2NO	-	AX-3M/20	925189
	-	-	1NO+1NC	-	AX-3M/11	925190
	-	-	2NC	-	AX-3M/02	925191
AX-3C	-	-	1NO+1NC	-	AX-3C/11	938259
	-	-	1NO+1NC	-	AX-3C/11B	253591

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Industrial Control Components

3.5.3 NCH8



General Description

NCH8 series modular contactors are applicable to the electrical circuits with rated working voltage up to 400V and current up to 63A. They are mainly used to control household appliances and similar purposes, with low induct loads.

- Rated current: 20~63A
- Poles: 1P, 2P, 4P
- Temperature: -5℃ ~+40℃

Full product range: various poles and contact combination for different applications

NCH8	-	63	/	40		220/230V
Product Series		**Rated AC-7a current**		**Main Contact**		**Coil Voltage**
		20: 20A 25: 25A 40: 40A 63: 63A		01: 1NC 10: 1NO 02: 2NC 20: 2NO 11: 1NO+1NC 40: 4NO 22: 2NO+2NC 31: 3NO+1NC		AC 24V AC 220/230V AC 240V AC 110V

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Industrial Control Components

NCH8 SKU

	AC-7a Current	Main Contacts	Telesignal	Coil	SKU	Code
NCH8-20A	20A	1NC	-	AC 220/230V	NCH8-20/01 220/230V	256245
	20A	1NC	-	AC 24V	NCH8-20/01 24V	256246
	20A	1NO	-	AC 220/230V	NCH8-20/10 220/230V	256247
	20A	1NO	-	AC 24V	NCH8-20/10 24V	256248
	20A	2NC	-	AC 220/230V	NCH8-20/02 220/230V	256053
	20A	2NC	-	AC 24V	NCH8-20/02 24V	256097
	20A	2NC	-	AC 240V	NCH8-20/02 240V	256160
	20A	2NO	-	AC 24V	NCH8-20/20 24V	256051
	20A	2NO	-	AC 220/230V	NCH8-20/20 220/230V	256054
	20A	2NO	-	AC 110V	NCH8-20/20 110V	256104
	20A	2NO	-	AC 240V	NCH8-20/20 240V	256158
	20A	1NO+1NC	-	AC 220/230V	NCH8-20/11 220/230V	256052
	20A	1NO+1NC	-	AC 24V	NCH8-20/11 24V	256063
	20A	1NO+1NC	-	AC 240V	NCH8-20/11 240V	256159
	20A	1NO+1NC	-	AC 110V	NCH8-20/11 110V	256259
	20A	4NO	-	AC 220/230V	NCH8-20/40 220/230V	256085
	20A	4NO	-	AC 24V	NCH8-20/40 24V	256086
	20A	4NO	-	AC 110V	NCH8-20/40 110V	256107
	20A	4NO	-	AC 240V	NCH8-20/40 240V	256152
	20A	2NO+2NC	-	AC 220/230V	NCH8-20/22 220/230V	256087
	20A	2NO+2NC	-	AC 24V	NCH8-20/22 24V	256088
	20A	2NO+2NC	-	AC 240V	NCH8-20/22 240V	256153
	20A	3NO+1NC	-	AC 220/230V	NCH8-20/31 220/230V	256175
	20A	3NO+1NC	-	AC 24V	NCH8-20/31 24V	256176
NCH8-25A	25A	1NC	-	AC 220/230V	NCH8-25/01 220/230V	256241
	25A	1NC	-	AC 24V	NCH8-25/01 24V	256242
	25A	1NO	-	AC 220/230V	NCH8-25/10 220/230V	256243
	25A	1NO	-	AC 24V	NCH8-25/10 24V	256244
	25A	2NC	-	AC 220/230V	NCH8-25/02 220/230V	256239
	25A	2NC	-	AC 24V	NCH8-25/02 24V	256240
	25A	2NC	-	AC 240V	NCH8-25/02 240V	266873
	25A	2NO	-	AC 220/230V	NCH8-25/20 220/230V	256235
	25A	2NO	-	AC 24V	NCH8-25/20 24V	256236
	25A	2NO	-	AC 110V	NCH8-25/20 110V	258927
	25A	2NO	-	AC 240V	NCH8-25/20 240V	266872
	25A	1NO+1NC	-	AC 220/230V	NCH8-25/11 220/230V	256237
	25A	1NO+1NC	-	AC 24V	NCH8-25/11 24V	256238
	25A	1NO+1NC	-	AC 240V	NCH8-25/11 240V	266871
	25A	4NO	-	AC 220/230V	NCH8-25/40 220/230V	256089
	25A	4NO	-	AC 24V	NCH8-25/40 24V	256090

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Industrial Control Components

NCH8 SKU

	AC-7a Current	Main Contacts	Telesignal	Coil	SKU	Code
NCH8-25A	25A	4NO	-	AC 110V	NCH8-25/40 110V	256105
	25A	4NO	-	AC 240V	NCH8-25/40 240V	256154
	25A	2NO+2NC	-	AC 220/230V	NCH8-25/22 220/230V	256091
	25A	2NO+2NC	-	AC 24V	NCH8-25/22 24V	256092
	25A	2NO+2NC	-	AC 240V	NCH8-25/22 240V	256155
	25A	3NO+1NC	-	AC 220/230V	NCH8-25/31 220/230V	256173
	25A	3NO+1NC	-	AC 24V	NCH8-25/31 24V	256174
NCH8-40A	40A	2NC	-	AC 220/230V	NCH8-40/02 220/230V	256209
	40A	2NC	-	AC 24V	NCH8-40/02 24V	256210
	40A	2NO	-	AC 220/230V	NCH8-40/20 220/230V	256081
	40A	2NO	-	AC 24V	NCH8-40/20 24V	256082
	40A	2NO	-	AC 110V	NCH8-40/20 110V	256106
	40A	2NO	-	AC 240V	NCH8-40/20 240V	256148
	40A	1NO+1NC	-	AC 220/230V	NCH8-40/11 220/230V	256083
	40A	1NO+1NC	-	AC 24V	NCH8-40/11 24V	256084
	40A	1NO+1NC	-	AC 240V	NCH8-40/11 240V	256149
	40A	4NO	-	AC 24V	NCH8-40/40 24V	256098
	40A	4NO	-	AC 220/230V	NCH8-40/40 220/230V	256099
	40A	4NO	-	AC 240V	NCH8-40/40 240V	256161
	40A	2NO+2NC	-	AC 220/230V	NCH8-40/22 220/230V	256215
	40A	2NO+2NC	-	AC 24V	NCH8-40/22 24V	256216
	40A	3NO+1NC	-	AC 220/230V	NCH8-40/31 220/230V	256213
	40A	3NO+1NC	-	AC 24V	NCH8-40/31 24V	256214
NCH8-63A	63A	2NC	-	AC 220/230V	NCH8-63/02 220/230V	256211
	63A	2NC	-	AC 24V	NCH8-63/02 24V	256212
	63A	2NC	-	AC 240V	NCH8-63/02 240V	332525
	63A	2NO	-	AC 220/230V	NCH8-63/20 220/230V	256093
	63A	2NO	-	AC 24V	NCH8-63/20 24V	256094
	63A	2NO	-	AC 110V	NCH8-63/20 110V	256108
	63A	2NO	-	AC 240V	NCH8-63/20 240V	256150
	63A	1NO+1NC	-	AC 220/230V	NCH8-63/11 220/230V	256095
	63A	1NO+1NC	-	AC 24V	NCH8-63/11 24V	256096
	63A	1NO+1NC	-	AC 240V	NCH8-63/11 240V	256151
	63A	4NO	-	AC 24V	NCH8-63/40 24V	256100
	63A	4NO	-	AC 220/230V	NCH8-63/40 220/230V	256101
	63A	4NO	-	AC 240V	NCH8-63/40 240V	256162
	63A	2NO+2NC	-	AC 220/230V	NCH8-63/22 220/230V	256219
	63A	2NO+2NC	-	AC 24V	NCH8-63/22 24V	256220
	63A	2NO+2NC	-	AC 240V	NCH8-63/22 240V	332526
	63A	3NO+1NC	-	AC 220/230V	NCH8-63/31 220/230V	256217
	63A	3NO+1NC	-	AC 24V	NCH8-63/31 24V	256218

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Industrial Control Components

NCH8-Z



General Description

NCH8-Z series modular contactors are applicable to the electrical circuits with rated working voltage up to 400V and current up to 63A. They are mainly used to control household appliances and similar purposes, with low induct loads.

CE

- Rated current: 16~63A
- Poles: 1P, 2P, 3P, 4P
- Temperature: -5℃ ~+40℃

Full product range: various poles and contact combination for different applications.
Hum free: silent for quiet applications

NCH8	-	63	/	40	Z	AC/DC 230V
Product Series		**Rated AC-7a current**		**Main Contact**	**Coil Type**	**Coil Voltage**
		16: 16A 20: 20A 25: 25A 32: 32A 40: 40A 63: 63A		01: 1NC 10: 1NO 02: 2NC 20: 2NO 11: 1NO+1NC 03: 3NC 30: 3NO 04: 4NC 40: 4NO 22: 2NO+2NC 31: 3NO+1NC	Z: AC/DC coil	AC/DC 12V AC/DC 24V AC/DC 48V AC/DC 110V AC/DC 230V

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Industrial Control Components

NCH8-Z SKU

	AC-7a Current	Main Contacts	Telesignal	Coil	SKU	Code
NCH8-Z-16A	16A	1NO	-	AC/DC 230V	NCH8-16Z/10 AC/DC 230V	438821
	16A	1NO	-	AC/DC 24V	NCH8-16Z/10 AC/DC 24V	438824
	16A	1NC	-	AC/DC 230V	NCH8-16Z/01 AC/DC 230V	438826
	16A	1NC	-	AC/DC 24V	NCH8-16Z/01 AC/DC 24V	438829
	16A	2NO	-	AC/DC 230V	NCH8-16Z/20 AC/DC 230V	438831
	16A	2NO	-	AC/DC 24V	NCH8-16Z/20 AC/DC 24V	438834
	16A	2NC	-	AC/DC 230V	NCH8-16Z/02 AC/DC 230V	438836
	16A	2NC	-	AC/DC 24V	NCH8-16Z/02 AC/DC 24V	438839
	16A	1NO+1NC	-	AC/DC 230V	NCH8-16Z/11 AC/DC 230V	438841
	16A	1NO+1NC	-	AC/DC 24V	NCH8-16Z/11 AC/DC 24V	438844
	16A	3NO	-	AC/DC 230V	NCH8-16Z/30 AC/DC 230V	438921
	16A	3NO	-	AC/DC 24V	NCH8-16Z/30 AC/DC 24V	438924
	16A	3NC	-	AC/DC 230V	NCH8-16Z/03 AC/DC 230V	438926
	16A	3NC	-	AC/DC 24V	NCH8-16Z/03 AC/DC 24V	438929
	16A	4NO	-	AC/DC 230V	NCH8-16Z/40 AC/DC 230V	438931
	16A	4NO	-	AC/DC 24V	NCH8-16Z/40 AC/DC 24V	438934
	16A	4NC	-	AC/DC 230V	NCH8-16Z/04 AC/DC 230V	438936
	16A	4NC	-	AC/DC 24V	NCH8-16Z/04 AC/DC 24V	438939
	16A	2NO+2NC	-	AC/DC 230V	NCH8-16Z/22 AC/DC 230V	438941
	16A	2NO+2NC	-	AC/DC 24V	NCH8-16Z/22 AC/DC 24V	438944
	16A	3NO+1NC	-	AC/DC 230V	NCH8-16Z/31 AC/DC 230V	438946
	16A	3NO+1NC	-	AC/DC 24V	NCH8-16Z/31 AC/DC 24V	438949
NCH8-Z-20A	20A	1NO	-	AC/DC 230V	NCH8-20Z/10 AC/DC 230V	438846
	20A	1NO	-	AC/DC 24V	NCH8-20Z/10 AC/DC 24V	438849
	20A	1NC	-	AC/DC 230V	NCH8-20Z/01 AC/DC 230V	438851
	20A	1NC	-	AC/DC 24V	NCH8-20Z/01 AC/DC 24V	438854
	20A	2NO	-	AC/DC 230V	NCH8-20Z/20 AC/DC 230V	438856
	20A	2NO	-	AC/DC 24V	NCH8-20Z/20 AC/DC 24V	438859
	20A	2NC	-	AC/DC 230V	NCH8-20Z/02 AC/DC 230V	438861
	20A	2NC	-	AC/DC 24V	NCH8-20Z/02 AC/DC 24V	438864
	20A	1NO+1NC	-	AC/DC 230V	NCH8-20Z/11 AC/DC 230V	438866
	20A	1NO+1NC	-	AC/DC 24V	NCH8-20Z/11 AC/DC 24V	438869
	20A	3NO	-	AC/DC 230V	NCH8-20Z/30 AC/DC 230V	438951
	20A	3NO	-	AC/DC 24V	NCH8-20Z/30 AC/DC 24V	438954
	20A	3NC	-	AC/DC 230V	NCH8-20Z/03 AC/DC 230V	438956
	20A	3NC	-	AC/DC 24V	NCH8-20Z/03 AC/DC 24V	438959
	20A	4NO	-	AC/DC 230V	NCH8-20Z/40 AC/DC 230V	438961
	20A	4NO	-	AC/DC 24V	NCH8-20Z/40 AC/DC 24V	438964
	20A	4NC	-	AC/DC 230V	NCH8-20Z/04 AC/DC 230V	438966
	20A	4NC	-	AC/DC 24V	NCH8-20Z/04 AC/DC 24V	438969
	20A	2NO+2NC	-	AC/DC 230V	NCH8-20Z/22 AC/DC 230V	438971
	20A	2NO+2NC	-	AC/DC 24V	NCH8-20Z/22 AC/DC 24V	438974
	20A	3NO+1NC	-	AC/DC 230V	NCH8-20Z/31 AC/DC 230V	438976
	20A	3NO+1NC	-	AC/DC 24V	NCH8-20Z/31 AC/DC 24V	438979

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Industrial Control Components

NCH8-Z SKU

	AC-7a Current	Main Contacts	Telesignal	Coil	SKU	Code
NCH8-Z-25A	25A	1NO	-	AC/DC 230V	NCH8-25Z/10 AC/DC 230V	438871
	25A	1NO	-	AC/DC 24V	NCH8-25Z/10 AC/DC 24V	438874
	25A	1NC	-	AC/DC 230V	NCH8-25Z/01 AC/DC 230V	438876
	25A	1NC	-	AC/DC 24V	NCH8-25Z/01 AC/DC 24V	438879
	25A	2NO	-	AC/DC 230V	NCH8-25Z/20 AC/DC 230V	438881
	25A	2NO	-	AC/DC 24V	NCH8-25Z/20 AC/DC 24V	438884
	25A	2NC	-	AC/DC 230V	NCH8-25Z/02 AC/DC 230V	438886
	25A	2NC	-	AC/DC 24V	NCH8-25Z/02 AC/DC 24V	438889
	25A	1NO+1NC	-	AC/DC 230V	NCH8-25Z/11 AC/DC 230V	438891
	25A	1NO+1NC	-	AC/DC 24V	NCH8-25Z/11 AC/DC 24V	438894
	25A	3NO	-	AC/DC 230V	NCH8-25Z/30 AC/DC 230V	438981
	25A	3NO	-	AC/DC 24V	NCH8-25Z/30 AC/DC 24V	438984
	25A	3NC	-	AC/DC 230V	NCH8-25Z/03 AC/DC 230V	438986
	25A	3NC	-	AC/DC 24V	NCH8-25Z/03 AC/DC 24V	438989
	25A	4NO	-	AC/DC 230V	NCH8-25Z/40 AC/DC 230V	438991
	25A	4NO	-	AC/DC 24V	NCH8-25Z/40 AC/DC 24V	438994
	25A	4NC	-	AC/DC 230V	NCH8-25Z/04 AC/DC 230V	438996
	25A	4NC	-	AC/DC 24V	NCH8-25Z/04 AC/DC 24V	439046
	25A	2NO+2NC	-	AC/DC 230V	NCH8-25Z/22 AC/DC 230V	439048
	25A	2NO+2NC	-	AC/DC 24V	NCH8-25Z/22 AC/DC 24V	439051
	25A	3NO+1NC	-	AC/DC 230V	NCH8-25Z/31 AC/DC 230V	439053
	25A	3NO+1NC	-	AC/DC 24V	NCH8-25Z/31 AC/DC 24V	439056
NCH8-Z-32A	32A	1NO	-	AC/DC 230V	NCH8-32Z/10 AC/DC 230V	438896
	32A	1NO	-	AC/DC 24V	NCH8-32Z/10 AC/DC 24V	438899
	32A	1NC	-	AC/DC 230V	NCH8-32Z/01 AC/DC 230V	438901
	32A	1NC	-	AC/DC 24V	NCH8-32Z/01 AC/DC 24V	438904
	32A	2NO	-	AC/DC 230V	NCH8-32Z/20 AC/DC 230V	438906
	32A	2NO	-	AC/DC 24V	NCH8-32Z/20 AC/DC 24V	438909
	32A	2NC	-	AC/DC 230V	NCH8-32Z/02 AC/DC 230V	438911
	32A	2NC	-	AC/DC 24V	NCH8-32Z/02 AC/DC 24V	438914
	32A	1NO+1NC	-	AC/DC 230V	NCH8-32Z/11 AC/DC 230V	438916
	32A	1NO+1NC	-	AC/DC 24V	NCH8-32Z/11 AC/DC 24V	438919
	32A	3NO	-	AC/DC 230V	NCH8-32Z/30 AC/DC 230V	439058
	32A	3NO	-	AC/DC 24V	NCH8-32Z/30 AC/DC 24V	439061
	32A	3NC	-	AC/DC 230V	NCH8-32Z/03 AC/DC 230V	439063
	32A	3NC	-	AC/DC 24V	NCH8-32Z/03 AC/DC 24V	439066
	32A	4NO	-	AC/DC 230V	NCH8-32Z/40 AC/DC 230V	439068
	32A	4NO	-	AC/DC 24V	NCH8-32Z/40 AC/DC 24V	439071
	32A	4NC	-	AC/DC 230V	NCH8-32Z/04 AC/DC 230V	439073
	32A	4NC	-	AC/DC 24V	NCH8-32Z/04 AC/DC 24V	439076
	32A	2NO+2NC	-	AC/DC 230V	NCH8-32Z/22 AC/DC 230V	439078
	32A	2NO+2NC	-	AC/DC 24V	NCH8-32Z/22 AC/DC 24V	439081
	32A	3NO+1NC	-	AC/DC 230V	NCH8-32Z/31 AC/DC 230V	439083
	32A	3NO+1NC	-	AC/DC 24V	NCH8-32Z/31 AC/DC 24V	439086

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Industrial Control Components

NCH8-Z SKU

	AC-7a Current	Main Contacts	Telesignal	Coil	SKU	Code
NCH8-Z-40A	40A	1NO	-	AC/DC 230V	NCH8-40Z/10 AC/DC 230V	439088
	40A	1NO	-	AC/DC 24V	NCH8-40Z/10 AC/DC 24V	439091
	40A	1NC	-	AC/DC 230V	NCH8-40Z/01 AC/DC 230V	439093
	40A	1NC	-	AC/DC 24V	NCH8-40Z/01 AC/DC 24V	439096
	40A	2NO	-	AC/DC 230V	NCH8-40Z/20 AC/DC 230V	439098
	40A	2NO	-	AC/DC 24V	NCH8-40Z/20 AC/DC 24V	439101
	40A	2NC	-	AC/DC 230V	NCH8-40Z/02 AC/DC 230V	439103
	40A	2NC	-	AC/DC 24V	NCH8-40Z/02 AC/DC 24V	439106
	40A	1NO+1NC	-	AC/DC 230V	NCH8-40Z/11 AC/DC 230V	439108
	40A	1NO+1NC	-	AC/DC 24V	NCH8-40Z/11 AC/DC 24V	439111
	40A	3NO	-	AC/DC 230V	NCH8-40Z/30 AC/DC 230V	439138
	40A	3NO	-	AC/DC 24V	NCH8-40Z/30 AC/DC 24V	439141
	40A	3NC	-	AC/DC 230V	NCH8-40Z/03 AC/DC 230V	439143
	40A	3NC	-	AC/DC 24V	NCH8-40Z/03 AC/DC 24V	439146
	40A	4NO	-	AC/DC 230V	NCH8-40Z/40 AC/DC 230V	439148
	40A	4NO	-	AC/DC 24V	NCH8-40Z/40 AC/DC 24V	439151
	40A	4NC	-	AC/DC 230V	NCH8-40Z/04 AC/DC 230V	439153
	40A	4NC	-	AC/DC 24V	NCH8-40Z/04 AC/DC 24V	439156
	40A	2NO+2NC	-	AC/DC 230V	NCH8-40Z/22 AC/DC 230V	439158
	40A	2NO+2NC	-	AC/DC 24V	NCH8-40Z/22 AC/DC 24V	439161
	40A	3NO+1NC	-	AC/DC 230V	NCH8-40Z/31 AC/DC 230V	439163
	40A	3NO+1NC	-	AC/DC 24V	NCH8-40Z/31 AC/DC 24V	439166
NCH8-Z-63A	63A	1NO	-	AC/DC 230V	NCH8-63Z/10 AC/DC 230V	439113
	63A	1NO	-	AC/DC 24V	NCH8-63Z/10 AC/DC 24V	439116
	63A	1NC	-	AC/DC 230V	NCH8-63Z/01 AC/DC 230V	439118
	63A	1NC	-	AC/DC 24V	NCH8-63Z/01 AC/DC 24V	439121
	63A	2NO	-	AC/DC 230V	NCH8-63Z/20 AC/DC 230V	439123
	63A	2NO	-	AC/DC 24V	NCH8-63Z/20 AC/DC 24V	439126
	63A	2NC	-	AC/DC 230V	NCH8-63Z/02 AC/DC 230V	439128
	63A	2NC	-	AC/DC 24V	NCH8-63Z/02 AC/DC 24V	439131
	63A	1NO+1NC	-	AC/DC 230V	NCH8-63Z/11 AC/DC 230V	439133
	63A	1NO+1NC	-	AC/DC 24V	NCH8-63Z/11 AC/DC 24V	439136
	63A	3NO	-	AC/DC 230V	NCH8-63Z/30 AC/DC 230V	439168
	63A	3NO	-	AC/DC 24V	NCH8-63Z/30 AC/DC 24V	439171
	63A	3NC	-	AC/DC 230V	NCH8-63Z/03 AC/DC 230V	439173
	63A	3NC	-	AC/DC 24V	NCH8-63Z/03 AC/DC 24V	439176
	63A	4NO	-	AC/DC 230V	NCH8-63Z/40 AC/DC 230V	439178
	63A	4NO	-	AC/DC 24V	NCH8-63Z/40 AC/DC 24V	439181
	63A	4NC	-	AC/DC 230V	NCH8-63Z/04 AC/DC 230V	439183
	63A	4NC	-	AC/DC 24V	NCH8-63Z/04 AC/DC 24V	439186
	63A	2NO+2NC	-	AC/DC 230V	NCH8-63Z/22 AC/DC 230V	439188
	63A	2NO+2NC	-	AC/DC 24V	NCH8-63Z/22 AC/DC 24V	439191
	63A	3NO+1NC	-	AC/DC 230V	NCH8-63Z/31 AC/DC 230V	439193
	63A	3NO+1NC	-	AC/DC 24V	NCH8-63Z/31 AC/DC 24V	439196

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Industrial Control Components

3.6 Overload Relay

3.6.1 NR8



General Description

NR8 series thermal overload relay is used to provide overload and phase failure protection for AC motors with a frequency of AC 50Hz/60Hz, a voltage of up to 690V and a current of 0.1A-630A that operate continuously or intermittently. The thermal relay also has temperature compensation, operation indication, automatic and manual reset and stop functions and stable and reliable performances.

Standard: IEC 60947-4-1.

CE

- Setting current: 0.1~630A
- Tripping class: 10A
- Installation: plug in or independent installation

Electronic design: more accurate for reliable protection (200 and 630A frame size)
Robust: more sturdy due to integral structure

NR8	-	38	12~16A
↓		↓	↓
Product Series		**Frame Size**	**Setting Current Scope**
		16 38 100 200 630	**Frame Size 16** 0.1~0.14A 0.14~0.2A 0.18~0.25A 0.22~0.32A 0.28~0.4A 0.35~0.5A 0.45~0.63A 0.55~0.8A 0.7~1A 0.9~1.25A 1.1~1.6A 1.4~2A 1.8~2.5A 2.2~3.2A 2.8~4A 3.5~5A 4.5~6.3A 5.5~8A 7.5~10A 9~13A 12~16A
			Frame Size 38 0.1~0.14A 0.14~0.2A 0.18~0.25A 0.22~0.32A 0.28~0.4A 0.35~0.5A 0.45~0.63A 0.55~0.8A 0.7~1A 0.9~1.25A 1.1~1.6A 1.4~2A 1.8~2.5A 2.2~3.2A 2.8~4A 3.5~5A 4.5~6.3A 5.5~8A 7.5~10A 9~13A 12~16A 14~20A 18~24A 23~32A 30~38A
			Frame Size 100 23~32A 30~40A 37~50A 48~65A 55~70A 63~80A 80~93A 80~100A **Frame Size 200** 80~160A 100~200A **Frame Size 630** 125~250A 200~400A 315~630A

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Industrial Control Components

NR8 SKU

	Frame Size	Telesignal	Setting Current	SKU	Code
NR8-16A	16A	1NO+1NC	0.14A-0.2A	NR8-16 0.14A-0.2A	341553
	16A	1NO+1NC	0.1A-0.14A	NR8-16 0.1A-0.14A	341554
	16A	1NO+1NC	0.18A-0.25A	NR8-16 0.18A-0.25A	341555
	16A	1NO+1NC	0.28A-0.4A	NR8-16 0.28A-0.4A	341556
	16A	1NO+1NC	0.22A-0.32A	NR8-16 0.22A-0.32A	341557
	16A	1NO+1NC	0.35A-0.5A	NR8-16 0.35A-0.5A	341558
	16A	1NO+1NC	0.55A-0.8A	NR8-16 0.55A-0.8A	341559
	16A	1NO+1NC	0.45A-0.63A	NR8-16 0.45A-0.63A	341560
	16A	1NO+1NC	0.9A-1.25A	NR8-16 0.9A-1.25A	341561
	16A	1NO+1NC	0.7A-1A	NR8-16 0.7A-1A	341562
	16A	1NO+1NC	1.4A-2A	NR8-16 1.4A-2A	341563
	16A	1NO+1NC	1.8A-2.5A	NR8-16 1.8A-2.5A	341564
	16A	1NO+1NC	1.1A-1.6A	NR8-16 1.1A-1.6A	341565
	16A	1NO+1NC	2.2A-3.2A	NR8-16 2.2A-3.2A	341566
	16A	1NO+1NC	2.8A-4A	NR8-16 2.8A-4A	341567
	16A	1NO+1NC	3.5A-5A	NR8-16 3.5A-5A	341568
	16A	1NO+1NC	4.5A-6.3A	NR8-16 4.5A-6.3A	341569
	16A	1NO+1NC	5.5A-8A	NR8-16 5.5A-8A	341570
	16A	1NO+1NC	9A-13A	NR8-16 9A-13A	341571
	16A	1NO+1NC	7.5A-10A	NR8-16 7.5A-10A	341572
	16A	1NO+1NC	12A-16A	NR8-16 12A-16A	341573
NR8-38A	38A	1NO+1NC	0.1-0.14A	NR8-38 0.1-0.14A	253671
	38A	1NO+1NC	0.14-0.2A	NR8-38 0.14-0.2A	253672
	38A	1NO+1NC	0.18-0.25A	NR8-38 0.18-0.25A	253673
	38A	1NO+1NC	0.22-0.32A	NR8-38 0.22-0.32A	253674
	38A	1NO+1NC	0.28-0.4A	NR8-38 0.28-0.4A	253675
	38A	1NO+1NC	0.35-0.5A	NR8-38 0.35-0.5A	253676
	38A	1NO+1NC	0.45-0.63A	NR8-38 0.45-0.63A	253677
	38A	1NO+1NC	0.55-0.8A	NR8-38 0.55-0.8A	253678

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Industrial Control Components

NR8 SKU

	Frame Size	Telesignal	Setting Current	SKU	Code
NR8-38A	38A	1NO+1NC	0.7-1A	NR8-38 0.7-1A	253679
	38A	1NO+1NC	0.9-1.25A	NR8-38 0.9-1.25A	253680
	38A	1NO+1NC	1.1-1.6A	NR8-38 1.1-1.6A	253681
	38A	1NO+1NC	1.4-2A	NR8-38 1.4-2A	253682
	38A	1NO+1NC	1.8-2.5A	NR8-38 1.8-2.5A	253683
	38A	1NO+1NC	2.2-3.2A	NR8-38 2.2-3.2A	253684
	38A	1NO+1NC	2.8-4A	NR8-38 2.8-4A	253685
	38A	1NO+1NC	3.5-5A	NR8-38 3.5-5A	253686
	38A	1NO+1NC	4.5-6.3A	NR8-38 4.5-6.3A	253687
	38A	1NO+1NC	5.5-8A	NR8-38 5.5-8A	253688
	38A	1NO+1NC	7.5-10A	NR8-38 7.5-10A	253689
	38A	1NO+1NC	9-13A	NR8-38 9-13A	253690
	38A	1NO+1NC	12-16A	NR8-38 12-16A	253691
	38A	1NO+1NC	14-20A	NR8-38 14-20A	253692
	38A	1NO+1NC	18-24A	NR8-38 18-24A	253693
	38A	1NO+1NC	23-32A	NR8-38 23-32A	253694
	38A	1NO+1NC	30-38A	NR8-38 30-38A	253695
NR8-100A	100A	1NO+1NC	23A-32A	NR8-100 23A-32A	254395
	100A	1NO+1NC	30A-40A	NR8-100 30A-40A	254396
	100A	1NO+1NC	37A-50A	NR8-100 37A-50A	254397
	100A	1NO+1NC	48A-65A	NR8-100 48A-65A	254398
	100A	1NO+1NC	55A-70A	NR8-100 55A-70A	254399
	100A	1NO+1NC	63A-80A	NR8-100 63A-80A	254400
	100A	1NO+1NC	80A-93A	NR8-100 80A-93A	254401
	100A	1NO+1NC	80A-100A	NR8-100 80A-100A	254402
NR8-200A	200A	1NO+1NC	80-160A	NR8-200 80-160A	269778
	200A	1NO+1NC	100-200A	NR8-200 100-200A	269779
NR8-630A	630A	1NO+1NC	125-250A	NR8-630 125-250A	269780
	630A	1NO+1NC	200-400A	NR8-630 200-400A	269781
	630A	1NO+1NC	315-630A	NR8-630 315-630A	269782

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Industrial Control Components

3.6.2 NXR



General Description

NXR series thermal overload relay is used to provide overload and phase failure protection for AC motors with a frequency of AC 50Hz/60Hz, a voltage of up to 690V and a current of 0.1A-630A that operate continuously or intermittently. The thermal relay also has temperature compensation, operation indication, automatic and manual reset and stop functions and stable and reliable performances.

Standard: IEC 60947-4-1.

- Setting current: 0.1~630A
- Tripping class: 10A
- Installation: plug in or independent installation

Electronic design: more accurate for reliable protection (200 and 630A frame size)
Robust: more sturdy due to integral structure

NXR	-	25	9~13A
↓		↓	↓
Product Series		**Frame Size**	**Setting Current Scope**
		12 25 38 100 200 630	**Frame Size 12** 0.1~0.16A 0.16~0.25A 0.25~0.4A 0.4~0.63A 0.63~1A 1~1.6A 1.25~2A 1.6~2.5A 2.5~4A 4~6A 5.5~8A 7~10A 9~12A **Frame Size 25** 0.1~0.16A 0.16~0.25A 0.25~0.4A 0.4~0.63A 0.63~1A 1~1.6A 1.25~2A 1.6~2.5A 2.5~4A 4~6A 5.5~8A 7~10A 9~13A 12~18A 17~25A
			Frame Size 38 23~32A 30~38A **Frame Size 93** 23~32A 30~40A 37~50A 48~65A 55~70A 63~80A 80~93A 80~100A **Frame Size 200** 80~160A 100~200A **Frame Size 630** 125~250A 200~400A 315~630A

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Industrial Control Components

NXR SKU

	Frame Size	Setting Current	SKU	Code
NXR-12A	12A	0.1-0.16A	NXR-12 0.1-0.16A	837092
	12A	0.16-0.25A	NXR-12 0.16-0.25A	837093
	12A	0.25-0.4A	NXR-12 0.25-0.4A	837094
	12A	0.4-0.63A	NXR-12 0.4-0.63A	837095
	12A	0.63-1A	NXR-12 0.63-1A	837096
	12A	1-1.6A	NXR-12 1-1.6A	837097
	12A	1.25-2A	NXR-12 1.25-2A	837098
	12A	1.6-2.5A	NXR-12 1.6-2.5A	837099
	12A	2.5-4A	NXR-12 2.5-4A	837100
	12A	4-6A	NXR-12 4-6A	837101
	12A	5.5-8A	NXR-12 5.5-8A	837102
	12A	7-10A	NXR-12 7-10A	837103
	12A	9-12A	NXR-12 9-12A	837104
NXR-25A	25A	0.1-0.16A	NXR-25 0.1-0.16A	837105
	25A	0.16-0.25A	NXR-25 0.16-0.25A	837106
	25A	0.25-0.4A	NXR-25 0.25-0.4A	837107
	25A	0.4-0.63A	NXR-25 0.4-0.63A	837108
	25A	0.63-1A	NXR-25 0.63-1A	837109
	25A	1-1.6A	NXR-25 1-1.6A	837110
	25A	1.25-2A	NXR-25 1.25-2A	837111
	25A	1.6-2.5A	NXR-25 1.6-2.5A	837112
	25A	2.5-4A	NXR-25 2.5-4A	837113
	25A	4-6A	NXR-25 4-6A	837114
	25A	5.5-8A	NXR-25 5.5-8A	837115
	25A	7-10A	NXR-25 7-10A	837116
	25A	9-13A	NXR-25 9-13A	837117
	25A	12-18A	NXR-25 12-18A	837118
	25A	17-25A	NXR-25 17-25A	837119
NXR-38A	38A	23A-32A	NXR-38 23A-32A	837120
	38A	30A-38A	NXR-38 30A-38A	837121
NXR-100A	100A	23A-32A	NXR-100 23A-32A	837122
	100A	30A-40A	NXR-100 30A-40A	837123
	100A	37A-50A	NXR-100 37A-50A	837124
	100A	48A-65A	NXR-100 48A-65A	837125
	100A	55A-70A	NXR-100 55A-70A	837126
	100A	63A-80A	NXR-100 63A-80A	837127
	100A	80A-93A	NXR-100 80A-93A	837128
	100A	80A-100A	NXR-100 80A-100A	837129
NXR-200A	200A	80A-160A	NXR-200 80A-160A	837130
	200A	100A-200A	NXR-200 100A-200A	837131
NXR-630A	630A	125A-250A	NXR-630 125A-250A	837132
	630A	200A-400A	NXR-630 200A-400A	837133
	630A	315A-630A	NXR-630 315A-630A	837134

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Industrial Control Components

3.7 Manual Motor Starter

3.7.1 NS2



General Description

NS2 series manual motor starters are mainly used for AC 50Hz (or 60Hz) with rated working voltage up to 690V and current up to 80A. They can be used for overload, phase failure, short circuit protection, and can also used to be an isolator.

Standard: IEC 60947-2, IEC 60947-4

- Setting current: 0.1~80A
- Rated operating voltage: AC400/415V, AC690V
- Frame size: 32/80A

Various applications: pushbutton or rotary operation, kinds of accessories
Reliable: breaking capacity up to 100kA

NS2	-	25	X	9~14A
Product Series		Frame Size	Function	Setting Current Scope
		25 32 80	Blank: Pushbutton operating (frame size 25 and 32) rotary handle operating (frame size 80) X: Rotary handle operating (frame size 25 and 32) B: Pushbutton operating (frame size 80) H: High breaking capacity (frame size 32, rotary handle operating) M: Electromagnetic protection only, without thermal overload protection	**Frame Size 25(X)** 0.1~0.16A 0.16~0.25A 0.25~0.4A 0.4~0.63A 0.63~1A 1~1.6A 1.6~2.5A 2.5~4A 4~6.3A 6~10A 9~14A 13~18A 17~23A 20~25A **Frame Size 25M** 0.16A 0.25A 0.4A 0.63A 1A 1.6A 2.5A 4A 6.3A 10A 14A 18A 23A 25A **Frame Size 32(X)** 24~32A
				Frame Size 32H 0.1~0.16A 0.16~0.25A 0.25~0.4A 0.4~0.63A 0.63~1A 1~1.6A 1.6~2.5A 2.5~4A 4~6.3A 6~10A 9~14A 13~18A 17~23A 20~25A 24~32A **Frame Size 80** 20~25A 23~32A 30~40A 37~50A 48~65A 63~80A **Frame Size 80B** 16~25A 25~40A 40~63A 56~80A

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Industrial Control Components

NS2 SKU

	Frame Size	Telesignal	Setting Current	SKU	Code
NS2-25A	25A	-	0.1-0.16A	NS2-25 0.1-0.16A	495072
	25A	-	0.16-0.25A	NS2-25 0.16-0.25A	495073
	25A	-	0.25-0.4A	NS2-25 0.25-0.4A	495074
	25A	-	0.4-0.63A	NS2-25 0.4-0.63A	495075
	25A	-	0.63-1A	NS2-25 0.63-1A	495076
	25A	-	1-1.6A	NS2-25 1-1.6A	495077
	25A	-	1.6-2.5A	NS2-25 1.6-2.5A	495078
	25A	-	2.5-4A	NS2-25 2.5-4A	495079
	25A	-	4-6.3A	NS2-25 4-6.3A	495080
	25A	-	6-10A	NS2-25 6-10A	495081
	25A	-	9-14A	NS2-25 9-14A	495082
	25A	-	13-18A	NS2-25 13-18A	495083
	25A	-	17-23A	NS2-25 17-23A	495084
	25A	-	20-25A	NS2-25 20-25A	495085
	25A	-	0.1-0.16A	NS2-25X 0.1-0.16A	495176
	25A	-	0.16-0.25A	NS2-25X 0.16-0.25A	495177
	25A	-	0.25-0.4A	NS2-25X 0.25-0.4A	495178
	25A	-	0.4-0.63A	NS2-25X 0.4-0.63A	495179
	25A	-	0.63-1A	NS2-25X 0.63-1A	495180
	25A	-	1-1.6A	NS2-25X 1-1.6A	495181
	25A	-	1.6-2.5A	NS2-25X 1.6-2.5A	495182
	25A	-	2.5-4A	NS2-25X 2.5-4A	495183
	25A	-	4-6.3A	NS2-25X 4-6.3A	495184
	25A	-	6-10A	NS2-25X 6-10A	495185
	25A	-	9-14A	NS2-25X 9-14A	495186
	25A	-	13-18A	NS2-25X 13-18A	495187
	25A	-	17-23A	NS2-25X 17-23A	495188
	25A	-	20-25A	NS2-25X 20-25A	495189
	25A	-	0.16A	NS2-25M 0.16A	495190
	25A	-	0.25A	NS2-25M 0.25A	495191
	25A	-	0.4A	NS2-25M 0.4A	495192
	25A	-	0.63A	NS2-25M 0.63A	495193
	25A	-	1A	NS2-25M 1A	495194
	25A	-	1.6A	NS2-25M 1.6A	495195
	25A	-	2.5A	NS2-25M 2.5A	495196
	25A	-	4A	NS2-25M 4A	495197
	25A	-	6.3A	NS2-25M 6.3A	495198
	25A	-	10A	NS2-25M 10A	495199
	25A	-	14A	NS2-25M 14A	495200
	25A	-	18A	NS2-25M 18A	495201
	25A	-	23A	NS2-25M 23A	495202
	25A	-	25A	NS2-25M 25A	495203

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Industrial Control Components

NS2 SKU

	Frame Size	Telesignal	Setting Current	SKU	Code
NS2-32A	32A	-	24-32A	NS2-32 24-32A	146475
	32A	-	0.1-0.16A	NS2-32H 0.1-0.16A	253592
	32A	-	0.16-0.25A	NS2-32H 0.16-0.25A	253593
	32A	-	0.25-0.4A	NS2-32H 0.25-0.4A	253594
	32A	-	0.4-0.63A	NS2-32H 0.4-0.63A	253595
	32A	-	0.63-1A	NS2-32H 0.63-1A	253596
	32A	-	1-1.6A	NS2-32H 1-1.6A	253597
	32A	-	1.6-2.5A	NS2-32H 1.6-2.5A	253598
	32A	-	2.5-4A	NS2-32H 2.5-4A	253599
	32A	-	4-6.3A	NS2-32H 4-6.3A	253600
	32A	-	6-10A	NS2-32H 6-10A	253601
	32A	-	9-14A	NS2-32H 9-14A	253602
	32A	-	13-18A	NS2-32H 13-18A	253603
	32A	-	17-23A	NS2-32H 17-23A	253604
	32A	-	20-25A	NS2-32H 20-25A	253605
	32A	-	24-32A	NS2-32H 24-32A	253606
	32A	-	24-32A	NS2-32X 24-32A	139373
NS2-80A	80A	-	20-25A	NS2-80 20-25A	279720
	80A	-	23-32A	NS2-80 23-32A	279721
	80A	-	30-40A	NS2-80 30-40A	279722
	80A	-	37-50A	NS2-80 37-50A	279723
	80A	-	48-65A	NS2-80 48-65A	279724
	80A	-	63-80A	NS2-80 63-80A	279725
	80A	1NO+1NC	20-25A	NS2-80/AU11 20-25A	279708
	80A	1NO+1NC	23-32A	NS2-80/AU11 23-32A	279709
	80A	1NO+1NC	30-40A	NS2-80/AU11 30-40A	279710
	80A	1NO+1NC	37-50A	NS2-80/AU11 37-50A	279711
	80A	1NO+1NC	48-65A	NS2-80/AU11 48-65A	279712
	80A	1NO+1NC	63-80A	NS2-80/AU11 63-80A	279713
	80A	2NO	20-25A	NS2-80/AU20 20-25A	279714
	80A	2NO	23-32A	NS2-80/AU20 23-32A	279715
	80A	2NO	30-40A	NS2-80/AU20 30-40A	279716
	80A	2NO	37-50A	NS2-80/AU20 37-50A	279717
	80A	2NO	48-65A	NS2-80/AU20 48-65A	279718
	80A	2NO	63-80A	NS2-80/AU20 63-80A	279719
	80A	-	16A-25A	NS2-80B 16A-25A	495086
	80A	-	25A-40A	NS2-80B 25A-40A	495087
	80A	-	40A-63A	NS2-80B 40A-63A	495088
	80A	-	56A-80A	NS2-80B 56A-80A	495089

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Industrial Control Components

3.7.2 NQ1



General Description

NQ1 series intelligent integrated star-delta starter is mainly used for the motors with rated operational current up to 110A and rated power up to 75kW, to control the motors' start, operation and stop from star to delta.
The starter integrates contactor, intelligent controller and auxiliary contacts together, and the intelligent controller can complete the star-delta start of the motor by running the presetting program.

CE

- Rated current: up to 110A(AC-3)
- Rated operating voltage: AC 380/400V
- Coil voltage: AC 220/230V

Cost saving: integrated structure, reduce component quantity and wiring cost
Safe and Reliable: various protection functions for intelligent type

NQ1	-	110	'Z	110A	220V
Product Series		IRated Current	Function	Additional Function	Control Voltage
		40: 40A 50: 50A 65: 65A 75: 75A 85: 85A 95: 95A 100: 100A 110: 110A 120: 120A 160: 160A 185: 185A 225: 225A 265: 265A	Blank: standard type S: mechanical emergency type Z: multi-function type	40A 50A 65A 75A 85A 95A 100A 110A 120A 160A 185A 225A 265A	220V

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Industrial Control Components

NQ1 SKU

Item Code	SKU	Ordering Code
G711030200000026	G NQ1-100 100A 220V	514305
G711030200000044	G NQ1-100 100A 220V (R)	511573
G711030200000032	G NQ1-100S 100A 220V	514311
G711030200000050	G NQ1-100S 100A 220V (R)	511579
G711030200000038	G NQ1-100Z 100A 220V	514317
G711030200000056	G NQ1-100Z 100A 220V (R)	511585
G711030200000027	G NQ1-110 110A 220V	514306
G711030200000045	G NQ1-110 110A 220V (R)	511574
G711030200000033	G NQ1-110S 110A 220V	514312
G711030200000051	G NQ1-110S 110A 220V (R)	511580
G711030200000039	G NQ1-110Z 110A 220V	514318
G711030200000057	G NQ1-110Z 110A 220V (R)	511586
G711030200000022	G NQ1-65 65A 220V	514301
G711030200000040	G NQ1-65 65A 220V (R)	511569
G711030200000028	G NQ1-65S 65A 220V	514307
G711030200000046	G NQ1-65S 65A 220V (R)	511575
G711030200000034	G NQ1-65Z 65A 220V	514313
G711030200000052	G NQ1-65Z 65A 220V (R)	511581
G711030200000023	G NQ1-75 75A 220V	514302
G711030200000041	G NQ1-75 75A 220V (R)	511570
G711030200000029	G NQ1-75S 75A 220V	514308
G711030200000047	G NQ1-75S 75A 220V (R)	511576
G711030200000035	G NQ1-75Z 75A 220V	514314
G711030200000053	G NQ1-75Z 75A 220V (R)	511582
G711030200000024	G NQ1-85 85A 220V	514303
G711030200000042	G NQ1-85 85A 220V (R)	511571
G711030200000030	G NQ1-85S 85A 220V	514309
G711030200000048	G NQ1-85S 85A 220V (R)	511577
G711030200000036	G NQ1-85Z 85A 220V	514315
G711030200000054	G NQ1-85Z 85A 220V (R)	511583
G711030200000025	G NQ1-95 95A 220V	514304
G711030200000043	G NQ1-95 95A 220V (R)	511572
G711030200000031	G NQ1-95S 95A 220V	514310
G711030200000049	G NQ1-95S 95A 220V (R)	511578
G711030200000037	G NQ1-95Z 95A 220V	514316
G711030200000055	G NQ1-95Z 95A 220V (R)	511584

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Industrial Control Components

3.8 Motor protector -NJBK7



General Description

NJBK7 is applicable to the protection of overload, blocking, phase failure, three-phase current unbalance, undercurrent, grounding, PTC temperature and communication failure of none-stop or intermittent duty with rated current 1A~800A. Equipped with RS485 interface and 4mA ~ 20mA analog transmission interface, the protector can achieve network communication. The remote monitoring, control, fault inquiry and other functions of the motor are realized through the upper computer. The large current specification uses a flexible Rogowski coil to collect current, which has the advantages of wide range of setting current, high precision and convenient installation. The protector is generally used in conjunction with an AC contactor.

CE

- Rated operating current : 1-800A
- Rated control voltage: (85%~110%)Us, AC220V, AC230V, AC240V, AC380V, AC400V, AC415V
- Protection type: overload, blocking, phase failure, three phase unbalance, undercurrent, grounding, PTC temperature, communication failure
- Optional function: RS485 interface, 4mA~20mA analog transmission

Complete protection: 8 types of protection as mentioned above
High precision: both inverse time tripping and definite time tripping are availble

NJBK7	-	800	M	T	/	800	/	AC220V	200A-800A
Product Series		Frame Size	Analog Transmission Function	Communication Function		Maximum Setting Current		Control Voltage	Setting Current Range
		800	Blank: No such function M: with analog transmission function	Blank: No communication T: RS485 interface		5: 5A 10: 10A 40: 40A 100: 100A 400: 400A 800: 800A		AC220V AC380V	1A-5A 2A-10A 8A-40A 20A-100A 80A-400A 200A-800A

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Industrial Control Components

NJBK7 SKU

	Frame Size	Analog Transmission	Communication Interface	Setting Current	Current Setting Range	Motor Power	Rated Control Supply Voltage	SKU	Code
NJBK7-800	800	-	-	5A	1~5A	0.5~2.5kW	AC220V	NJBK7-800/5/AC220V 1A-5A	107396
	800	-	-	5A	1~5A	0.5~2.5kW	AC380V	NJBK7-800/5/AC380V 1A-5A	107397
	800	-	-	10A	2~10A	1~5kW	AC220V	NJBK7-800/10/AC220V 2A-10A	107398
	800	-	-	10A	2~10A	1~5kW	AC380V	NJBK7-800/10/AC380V 2A-10A	107399
	800	-	-	40A	8~40A	4~20kW	AC220V	NJBK7-800/40/AC220V 8A-40A	107400
	800	-	-	40A	8~40A	4~20kW	AC380V	NJBK7-800/40/AC380V 8A-40A	107401
	800	-	-	100A	20~100A	10~50kW	AC220V	NJBK7-800/100/AC220V 20A-100A	107402
	800	-	-	100A	20~100A	10~50kW	AC380V	NJBK7-800/100/AC380V 20A-100A	107403
	800	-	-	400A	80~400A	40~200kW	AC220V	NJBK7-800/400/AC220V 80A-400A	107404
	800	-	-	400A	80~400A	40~200kW	AC380V	NJBK7-800/400/AC380V 80A-400A	107405
	800	-	-	800A	200~800A	100~400kW	AC220V	NJBK7-800/800/AC220V 200A-800A	107406
	800	-	-	800A	200~800A	100~400kW	AC380V	NJBK7-800/800/AC380V 200A-800A	107407
	800	4mA~20mA	-	5A	1~5A	0.5~2.5kW	AC220V	NJBK7-800M/5/AC220V 1A-5A	107408
	800	4mA~20mA	-	5A	1~5A	0.5~2.5kW	AC380V	NJBK7-800M/5/AC380V 1A-5A	107409
	800	4mA~20mA	-	10A	2~10A	1~5kW	AC220V	NJBK7-800M/10/AC220V 2A-10A	107410
	800	4mA~20mA	-	10A	2~10A	1~5kW	AC380V	NJBK7-800M/10/AC380V 2A-10A	107411
	800	4mA~20mA	-	40A	8~40A	4~20kW	AC220V	NJBK7-800M/40/AC220V 8A-40A	107412
	800	4mA~20mA	-	40A	8~40A	4~20kW	AC380V	NJBK7-800M/40/AC380V 8A-40A	107413
	800	4mA~20mA	-	100A	20~100A	10~50kW	AC220V	NJBK7-800M/100/AC220V 20A-100A	107414
	800	4mA~20mA	-	100A	20~100A	10~50kW	AC380V	NJBK7-800M/100/AC380V 20A-100A	107415
	800	4mA~20mA	-	400A	80~400A	40~200kW	AC220V	NJBK7-800M/400/AC220V 80A-400A	107416
	800	4mA~20mA	-	400A	80~400A	40~200kW	AC380V	NJBK7-800M/400/AC380V 80A-400A	107417
	800	4mA~20mA	-	800A	200~800A	100~400kW	AC220V	NJBK7-800M/800/AC220V 200A-800A	107418
	800	4mA~20mA	-	800A	200~800A	100~400kW	AC380V	NJBK7-800M/800/AC380V 200A-800A	107419
	800	-	RS485	5A	1~5A	0.5~2.5kW	AC220V	NJBK7-800T/5/AC220V 1A-5A	107420
	800	-	RS485	5A	1~5A	0.5~2.5kW	AC380V	NJBK7-800T/5/AC380V 1A-5A	107421
	800	-	RS485	10A	2~10A	1~5kW	AC220V	NJBK7-800T/10/AC220V 2A-10A	107422
	800	-	RS485	10A	2~10A	1~5kW	AC380V	NJBK7-800T/10/AC380V 2A-10A	107423

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Industrial Control Components

NJBK7 SKU

	Frame Size	Analog Transmission	Communication Interface	Setting Current	Current Setting Range	Motor Power	Rated Control Supply Voltage	SKU	Code
NJBK7-800	800	-	RS485	40A	8~40A	4~20kW	AC220V	NJBK7-800T/40/AC220V 8A-40A	107424
	800	-	RS485	40A	8~40A	4~20kW	AC380V	NJBK7-800T/40/AC380V 8A-40A	107425
	800	-	RS485	100A	20~100A	10~50kW	AC220V	NJBK7-800T/100/AC220V 20A-100A	107426
	800	-	RS485	100A	20~100A	10~50kW	AC380V	NJBK7-800T/100/AC380V 20A-100A	107427
	800	-	RS485	400A	80~400A	40~200kW	AC220V	NJBK7-800T/400/AC220V 80A-400A	107428
	800	-	RS485	400A	80~400A	40~200kW	AC380V	NJBK7-800T/400/AC380V 80A-400A	107429
	800	-	RS485	800A	200~800A	100~400kW	AC220V	NJBK7-800T/800/AC220V 200A-800A	107430
	800	-	RS485	800A	200~800A	100~400kW	AC380V	NJBK7-800T/800/AC380V 200A-800A	107431
	800	4mA~20mA	RS485	5A	1~5A	0.5~2.5kW	AC220V	NJBK7-800MT/5/AC220V 1A-5A	107432
	800	4mA~20mA	RS485	5A	1~5A	0.5~2.5kW	AC380V	NJBK7-800MT/5/AC380V 1A-5A	107433
	800	4mA~20mA	RS485	10A	2~10A	1~5kW	AC220V	NJBK7-800MT/10/AC220V 2A-10A	107434
	800	4mA~20mA	RS485	10A	2~10A	1~5kW	AC380V	NJBK7-800MT/10/AC380V 2A-10A	107435
	800	4mA~20mA	RS485	40A	8~40A	4~20kW	AC220V	NJBK7-800MT/40/AC220V 8A-40A	107436
	800	4mA~20mA	RS485	40A	8~40A	4~20kW	AC380V	NJBK7-800MT/40/AC380V 8A-40A	107437
	800	4mA~20mA	RS485	100A	20~100A	10~50kW	AC220V	NJBK7-800MT/100/AC220V 20A-100A	107438
	800	4mA~20mA	RS485	100A	20~100A	10~50kW	AC380V	NJBK7-800MT/100/AC380V 20A-100A	107439
	800	4mA~20mA	RS485	400A	80~400A	40~200kW	AC220V	NJBK7-800MT/400/AC220V 80A-400A	107440
	800	4mA~20mA	RS485	400A	80~400A	40~200kW	AC380V	NJBK7-800MT/400/AC380V 80A-400A	107441
	800	4mA~20mA	RS485	800A	200~800A	100~400kW	AC220V	NJBK7-800MT/800/AC220V 200A-800A	107442
	800	4mA~20mA	RS485	800A	200~800A	100~400kW	AC380V	NJBK7-800MT/800/AC380V 200A-800A	107443

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Industrial Control Components

3.9 Pushbutton NP2



General Description

NP2 series push buttons are suitable for industrial control circuits with rated operating voltage up to AC415V and DC250, They are used to control electromagnetic starters, contactors, relays and other electrical circuits.

Standard: IEC 60947-5

- Rated insulation voltage: 600VAC
- Conventional thermal current: 10A
- Mechanical lifespan: up to 3M lifecycles
- Rated impulse withstand voltage: 6kV

Modular structure: flexible combination for various applications
High protection degree: IP65 for better protection

NP2	-	B	S	5	4	2	24V
Product Series		Material	Function	Additional Function	Color	Contact	Control Voltage
		B: Metal E: Plastic	A: Flush button AZ: Latching flush button L: Projecting button C: Mushroom button, Φ40mm L: Mushroom button, Φ60mm P: Flush button with protection cover D: Selector J: Selector with long knob G: Key selector T: Latching mushroom button, pull to release S: Latching mushroom button, turn to release W1: Illuminated projecting button W3: Illuminated flush button W3Z: Illuminated latching flush button W4: Illuminated mushroom button L8: Double head button W8: Illuminated double head button K1: Illuminated selector V: Indicator light V1: Economical indicator light	For selector: 2: 2-position, latching 3: 3-position, latching 4: 2-position, self-return 5: 3-position, self-return 7: 3-position, latching on the left, self-return on the right 8: 3-position, latching on the right, self-return on the left For double head button: 3: flush 4: flush+projecting For latching mushroom button, turn to release: 4: Φ30mm 5: Φ40mm 6: Φ60mm 1: Φ40mm (key release) 3: Φ40mm (with status indicator) For indicator light: 6: direct power 8: resistance and capacitor	1: white 2: black 3: green 4: red 5: yellow 6: blue	1: 1NO 2: 1NC 3: 2NO 4: 2NC 5: 1NO+1NC	12V: AC/DC 12V 24V:AC/DC 24V 36V:AC/DC 36V 48V: AC/DC 48V 110V: AC/DC 110V 220V: AC/DC 220V 230V: AC/DC 230V 240V: AC/DC 240V 380V: AC 380V

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Industrial Control Components

NP2 SKU

Material	Type	Color or Function	Contact	SKU	Code
Metal	Flush button	white	1NO	NP2-BA11	573954
Metal	Flush button	Black	1NO	NP2-BA21	573955
Metal	Flush button	Black	1NC	NP2-BA22	574635
Metal	Flush button	Green	1NO	NP2-BA31	573956
Metal	Flush button	Green	1NC	NP2-BA32	573957
Metal	Flush button	Red	1NO	NP2-BA41	573958
Metal	Flush button	Red	1NC	NP2-BA42	573890
Metal	Flush button	Yellow	1NO	NP2-BA51	573959
Metal	Flush button	Yellow	1NC	NP2-BA52	574694
Metal	Flush button	Blue	1NO	NP2-BA61	573892
Metal	Flush button	Blue	1NC	NP2-BA62	575557
Metal	Selector	2-position, latching	1NO	NP2-BD21	573977
Metal	Selector	2-position, latching	1NC	NP2-BD22	573978
Metal	Selector	2-position, latching	1NO+1NC	NP2-BD25	573981
Metal	Selector	3-position, latching	1NO	NP2-BD31	575419
Metal	Selector	3-position, latching	1NC	NP2-BD32	257526
Metal	Selector	3-position, latching	1NO+1NC	NP2-BD35	574658
Metal	Key selector	2-position, latching	1NO	NP2-BG21	573986
Metal	Key selector	2-position, latching	1NC	NP2-BG22	575552
Metal	Key selector	2-position, latching	1NO+1NC	NP2-BG25	573988
Metal	Key selector	3-position, latching	1NO	NP2-BG31	576045
Metal	Key selector	3-position, latching	1NO+1NC	NP2-BG35	574654
Metal	Mushroom button	Red, Φ40mm, latching, turn release	1NC	NP2-BS542	573894
Metal	Mushroom button	Red, Φ40mm, latching, pull release	1NC	NP2-BT42	576101
Metal	Illuminated flush button	White, 220V LED, IP65	1NO	NP2-BW3161C 220V LED	526869
Metal	Illuminated flush button	White, 24V LED, IP65	1NO	NP2-BW3161C 24V LED	526844
Metal	Illuminated flush button	White, 220V LED, IP65	1NC	NP2-BW3162C 220V LED	526870
Metal	Illuminated flush button	White, 24V LED, IP65	1NC	NP2-BW3162C 24V LED	526845
Metal	Illuminated flush button	White, 220V LED, IP65	1NO+1NC	NP2-BW3165C 220V LED	526873
Metal	Illuminated flush button	White, 24V LED, IP65	1NO+1NC	NP2-BW3165C 24V LED	526848
Metal	Illuminated flush button	Green, 220V LED, IP65	1NO	NP2-BW3361C 220V LED	526874
Metal	Illuminated flush button	Green, 24V LED, IP65	1NO	NP2-BW3361C 24V LED	526849
Metal	Illuminated flush button	Green, 220V LED, IP65	1NC	NP2-BW3362C 220V LED	526875
Metal	Illuminated flush button	Green, 24V LED, IP65	1NC	NP2-BW3362C 24V LED	526850
Metal	Illuminated flush button	Green, 220V LED, IP65	1NO+1NC	NP2-BW3365C 220V LED	526878
Metal	Illuminated flush button	Green, 24V LED, IP65	1NO+1NC	NP2-BW3365C 24V LED	526853
Metal	Illuminated flush button	Red, 220V LED, IP65	1NO	NP2-BW3461C 220V LED	526879
Metal	Illuminated flush button	Red, 24V LED, IP65	1NO	NP2-BW3461C 24V LED	526854
Metal	Illuminated flush button	Red, 220V LED, IP65	1NC	NP2-BW3462C 220V LED	526880
Metal	Illuminated flush button	Red, 24V LED, IP65	1NC	NP2-BW3462C 24V LED	526855

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Industrial Control Components

NP2 SKU

Material	Type	Color or Function	Contact	SKU	Code
Metal	Illuminated flush button	Red, 220V LED, IP65	1NO+1NC	NP2-BW3465C 220V LED	526883
Metal	Illuminated flush button	Red, 24V LED, IP65	1NO+1NC	NP2-BW3465C 24V LED	526858
Metal	Illuminated flush button	Yellow, 220V LED, IP65	1NO	NP2-BW3561C 220V LED	526884
Metal	Illuminated flush button	Yellow, 24V LED, IP65	1NO	NP2-BW3561C 24V LED	526859
Metal	Illuminated flush button	Yellow, 220V LED, IP65	1NC	NP2-BW3562C 220V LED	526885
Metal	Illuminated flush button	Yellow, 24V LED, IP65	1NC	NP2-BW3562C 24V LED	526860
Metal	Illuminated flush button	Yellow, 220V LED, IP65	1NO+1NC	NP2-BW3565C 220V LED	526888
Metal	Illuminated flush button	Yellow, 24V LED, IP65	1NO+1NC	NP2-BW3565C 24V LED	526863
Metal	Illuminated flush button	Blue, 220V LED, IP65	1NO	NP2-BW3661C 220V LED	526889
Metal	Illuminated flush button	Blue, 24V LED, IP65	1NO	NP2-BW3661C 24V LED	526864
Metal	Illuminated flush button	Blue, 220V LED, IP65	1NC	NP2-BW3662C 220V LED	526890
Metal	Illuminated flush button	Blue, 24V LED, IP65	1NC	NP2-BW3662C 24V LED	526865
Metal	Illuminated flush button	Blue, 220V LED, IP65	1NO+1NC	NP2-BW3665C 220V LED	526893
Metal	Illuminated flush button	Blue, 24V LED, IP65	1NO+1NC	NP2-BW3665C 24V LED	526868
Metal	Illuminated flush button	White, latching, 220V LED, IP65	1NO	NP2-BW3Z161C 220V LED	526919
Metal	Illuminated flush button	White, latching, 24V LED, IP65	1NO	NP2-BW3Z161C 24V LED	526894
Metal	Illuminated flush button	White, latching, 220V LED, IP65	1NC	NP2-BW3Z162C 220V LED	526920
Metal	Illuminated flush button	White, latching, 24V LED, IP65	1NC	NP2-BW3Z162C 24V LED	526895
Metal	Illuminated flush button	White, latching, 220V LED, IP65	1NO+1NC	NP2-BW3Z165C 220V LED	526923
Metal	Illuminated flush button	White, latching, 24V LED, IP65	1NO+1NC	NP2-BW3Z165C 24V LED	526898
Metal	Illuminated flush button	Green, latching, 220V LED, IP65	1NO	NP2-BW3Z361C 220V LED	526924
Metal	Illuminated flush button	Green, latching, 24V LED, IP65	1NO	NP2-BW3Z361C 24V LED	526899
Metal	Illuminated flush button	Green, latching, 220V LED, IP65	1NC	NP2-BW3Z362C 220V LED	526925
Metal	Illuminated flush button	Green, latching, 24V LED, IP65	1NC	NP2-BW3Z362C 24V LED	526900
Metal	Illuminated flush button	Green, latching, 220V LED, IP65	1NO+1NC	NP2-BW3Z365C 220V LED	526928
Metal	Illuminated flush button	Green, latching, 24V LED, IP65	1NO+1NC	NP2-BW3Z365C 24V LED	526903
Metal	Illuminated flush button	Red, latching, 220V LED, IP65	1NO	NP2-BW3Z461C 220V LED	526929
Metal	Illuminated flush button	Red, latching, 24V LED, IP65	1NO	NP2-BW3Z461C 24V LED	526904
Metal	Illuminated flush button	Red, latching, 220V LED, IP65	1NC	NP2-BW3Z462C 220V LED	526930
Metal	Illuminated flush button	Red, latching, 24V LED, IP65	1NC	NP2-BW3Z462C 24V LED	526905
Metal	Illuminated flush button	Red, latching, 220V LED, IP65	1NO+1NC	NP2-BW3Z465C 220V LED	526933
Metal	Illuminated flush button	Red, latching, 24V LED, IP65	1NO+1NC	NP2-BW3Z465C 24V LED	526908
Metal	Illuminated flush button	Yellow, latching, 220V LED, IP65	1NO	NP2-BW3Z561C 220V LED	526934
Metal	Illuminated flush button	Yellow, latching, 24V LED, IP65	1NO	NP2-BW3Z561C 24V LED	526909
Metal	Illuminated flush button	Yellow, latching, 220V LED, IP65	1NC	NP2-BW3Z562C 220V LED	526935
Metal	Illuminated flush button	Yellow, latching, 24V LED, IP65	1NC	NP2-BW3Z562C 24V LED	526910
Metal	Illuminated flush button	Yellow, latching, 220V LED, IP65	1NO+1NC	NP2-BW3Z565C 220V LED	526938
Metal	Illuminated flush button	Yellow, latching, 24V LED, IP65	1NO+1NC	NP2-BW3Z565C 24V LED	526913
Metal	Illuminated flush button	Blue, latching, 220V LED, IP65	1NO	NP2-BW3Z661C 220V LED	526939
Metal	Illuminated flush button	Blue, latching, 24V LED, IP65	1NO	NP2-BW3Z661C 24V LED	526914

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Industrial Control Components

NP2 SKU

Material	Type	Color or Function	Contact	SKU	Code
Metal	Illuminated flush button	Blue, latching, 220V LED, IP65	1NC	NP2-BW3Z662C 220V LED	526940
Metal	Illuminated flush button	Blue, latching, 24V LED, IP65	1NC	NP2-BW3Z662C 24V LED	526915
Metal	Illuminated flush button	Blue, latching, 220V LED, IP65	1NO+1NC	NP2-BW3Z665C 220V LED	526943
Metal	Illuminated flush button	Blue, latching, 24V LED, IP65	1NO+1NC	NP2-BW3Z665C 24V LED	526918
Plastic	Flush button	White	1NO	NP2-EA11	574576
Plastic	Flush button	White	1NO+1NC	NP2-EA15	574372
Plastic	Flush button	Black	1NO	NP2-EA21	574084
Plastic	Flush button	Black	1NC	NP2-EA22	574624
Plastic	Flush button	Black	1NO+1NC	NP2-EA25	574090
Plastic	Flush button	Green	1NO	NP2-EA31	574085
Plastic	Flush button	Green	1NC	NP2-EA32	574088
Plastic	Flush button	Green	1NO+1NC	NP2-EA35	573899
Plastic	Flush button	Red	1NO	NP2-EA41	574628
Plastic	Flush button	Red	1NC	NP2-EA42	574089
Plastic	Flush button	Red	1NO+1NC	NP2-EA45	574091
Plastic	Flush button	Yellow	1NO	NP2-EA51	574086
Plastic	Flush button	Yellow	1NC	NP2-EA52	575555
Plastic	Flush button	Yellow	1NO+1NC	NP2-EA55	574373
Plastic	Flush button	Blue	1NO	NP2-EA61	574087
Plastic	Flush button	Blue	1NC	NP2-EA62	575240
Plastic	Flush button	Blue	1NO+1NC	NP2-EA65	574374
Plastic	Mushroom button	White, Φ40mm	1NO	NP2-EC11	576000
Plastic	Mushroom button	White, Φ40mm	1NO+1NC	NP2-EC15	576013
Plastic	Mushroom button	Black, Φ40mm	1NO	NP2-EC21	575246
Plastic	Mushroom button	Black, Φ40mm	1NC	NP2-EC22	574092
Plastic	Mushroom button	Black, Φ40mm	1NO+1NC	NP2-EC25	575544
Plastic	Mushroom button	Green, Φ40mm	1NO	NP2-EC31	574790
Plastic	Mushroom button	Green, Φ40mm	1NC	NP2-EC32	574093
Plastic	Mushroom button	Red, Φ40mm	1NO	NP2-EC41	574791
Plastic	Mushroom button	Red, Φ40mm	1NC	NP2-EC42	573896
Plastic	Mushroom button	Red, Φ40mm	1NO+1NC	NP2-EC45	575579
Plastic	Mushroom button	Yellow, Φ40mm	1NO	NP2-EC51	575854
Plastic	Mushroom button	Yellow, Φ40mm	1NC	NP2-EC52	574094
Plastic	Mushroom button	Yellow, Φ40mm	1NO+1NC	NP2-EC55	575959
Plastic	Mushroom button	Blue, Φ40mm	1NO	NP2-EC61	576001
Plastic	Mushroom button	Blue, Φ40mm	1NC	NP2-EC62	575961
Plastic	Mushroom button	Blue, Φ40mm	1NO+1NC	NP2-EC65	575960
Plastic	Selector	2-position, latching	1NO	NP2-ED21	574095
Plastic	Selector	2-position, latching	1NC	NP2-ED22	574097
Plastic	Selector	2-position, latching	1NO+1NC	NP2-ED25	574100

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Industrial Control Components

NP2 SKU

Material	Type	Color or Function	Contact	SKU	Code
Plastic	Selector	3-position, latching	1NO	NP2-ED31	575257
Plastic	Selector	3-position, latching	1NO+1NC	NP2-ED35	575423
Plastic	Key selector	2-position, latching	1NO	NP2-EG21	574102
Plastic	Key selector	2-position, latching	1NC	NP2-EG22	575946
Plastic	Key selector	2-position, latching	1NO+1NC	NP2-EG25	574106
Plastic	Key selector	3-position, latching	1NO	NP2-EG31	575264
Plastic	Key selector	3-position, latching	1NO+1NC	NP2-EG35	576027
Plastic	Mushroom button	Red, Φ40mm, latching with status indication, turn release	1NO	NP2-ES341	680205
Plastic	Mushroom button	Red, Φ40mm, latching with status indication, turn release	1NC	NP2-ES342	680206
Plastic	Mushroom button	Red, Φ40mm, latching with status indication, turn release	1NO+1NC	NP2-ES345	680209
Plastic	Mushroom button	Red, Φ40mm, latching, turn release	1NO	NP2-ES541	574182
Plastic	Mushroom button	Red, Φ40mm, latching, turn release	1NC	NP2-ES542	574120
Plastic	Mushroom button	Red, Φ40mm, latching, turn release	1NO+1NC	NP2-ES545	574121
Plastic	Illuminated flush button	White, 220V LED	1NO	NP2-EW3161 220V LED	575628
Plastic	Illuminated flush button	White, 230V LED	1NO	NP2-EW3161 230V LED	575301
Plastic	Illuminated flush button	White, 24V LED	1NO	NP2-EW3161 24V LED	574792
Plastic	Illuminated flush button	White, 230V LED	1NC	NP2-EW3162 230V LED	575751
Plastic	Illuminated flush button	White, 220V LED	1NO+1NC	NP2-EW3165 220V LED	575644
Plastic	Illuminated flush button	White, 230V LED	1NO+1NC	NP2-EW3165 230V LED	575305
Plastic	Illuminated flush button	White, 24V LED	1NO+1NC	NP2-EW3165 24V LED	575306
Plastic	Illuminated flush button	Green, 110V LED	1NO	NP2-EW3361 110V LED	575771
Plastic	Illuminated flush button	Green, 220V LED	1NO	NP2-EW3361 220V LED	574556
Plastic	Illuminated flush button	Green, 230V LED	1NO	NP2-EW3361 230V LED	575309
Plastic	Illuminated flush button	Green, 24V LED	1NO	NP2-EW3361 24V LED	574557
Plastic	Illuminated flush button	Green, 48V LED	1NO	NP2-EW3361 48V LED	576057
Plastic	Illuminated flush button	Green, 220V LED	1NC	NP2-EW3362 220V LED	575679
Plastic	Illuminated flush button	Green, 230V LED	1NC	NP2-EW3362 230V LED	575752
Plastic	Illuminated flush button	Green, 24V LED	1NC	NP2-EW3362 24V LED	576133
Plastic	Illuminated flush button	Green, 110V LED	1NO+1NC	NP2-EW3365 110V LED	575573
Plastic	Illuminated flush button	Green, 220V LED	1NO+1NC	NP2-EW3365 220V LED	574164
Plastic	Illuminated flush button	Green, 230V LED	1NO+1NC	NP2-EW3365 230V LED	575718
Plastic	Illuminated flush button	Green, 24V LED	1NO+1NC	NP2-EW3365 24V LED	575316
Plastic	Illuminated flush button	Green, 48V LED	1NO+1NC	NP2-EW3365 48V LED	575441
Plastic	Illuminated flush button	Red, 110V LED	1NO	NP2-EW3461 110V LED	680187
Plastic	Illuminated flush button	Red, 220V LED	1NO	NP2-EW3461 220V LED	575446
Plastic	Illuminated flush button	Red, 230V LED	1NO	NP2-EW3461 230V LED	575318
Plastic	Illuminated flush button	Red, 24V LED	1NO	NP2-EW3461 24V LED	575319
Plastic	Illuminated flush button	Red, 48V LED	1NO	NP2-EW3461 48V LED	576058

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Industrial Control Components

NP2 SKU

Material	Type	Color or Function	Contact	SKU	Code
Plastic	Illuminated flush button	Red, 110V LED	1NC	NP2-EW3462 110V LED	575772
Plastic	Illuminated flush button	Red, 220V LED	1NC	NP2-EW3462 220V LED	575666
Plastic	Illuminated flush button	Red, 230V LED	1NC	NP2-EW3462 230V LED	575322
Plastic	Illuminated flush button	Red, 24V LED	1NC	NP2-EW3462 24V LED	575548
Plastic	Illuminated flush button	Red, 110V LED	1NO+1NC	NP2-EW3465 110V LED	575680
Plastic	Illuminated flush button	Red, 220V LED	1NO+1NC	NP2-EW3465 220V LED	575645
Plastic	Illuminated flush button	Red, 230V LED	1NO+1NC	NP2-EW3465 230V LED	575328
Plastic	Illuminated flush button	Red, 24V LED	1NO+1NC	NP2-EW3465 24V LED	575330
Plastic	Illuminated flush button	Yellow, 220V LED	1NO	NP2-EW3561 220V LED	574555
Plastic	Illuminated flush button	Yellow, 230V LED	1NO	NP2-EW3561 230V LED	575331
Plastic	Illuminated flush button	Yellow, 24V LED	1NO	NP2-EW3561 24V LED	574326
Plastic	Illuminated flush button	Yellow, 220V LED	1NC	NP2-EW3562 220V LED	575678
Plastic	Illuminated flush button	Yellow, 230V LED	1NC	NP2-EW3562 230V LED	575753
Plastic	Illuminated flush button	Yellow, 220V LED	1NO+1NC	NP2-EW3565 220V LED	574163
Plastic	Illuminated flush button	Yellow, 230V LED	1NO+1NC	NP2-EW3565 230V LED	575719
Plastic	Illuminated flush button	Yellow, 24V LED	1NO+1NC	NP2-EW3565 24V LED	575336
Plastic	Illuminated flush button	Yellow, 48V LED	1NO+1NC	NP2-EW3565 48V LED	575442
Plastic	Illuminated flush button	Blue, 220V LED	1NO	NP2-EW3661 220V LED	575629
Plastic	Illuminated flush button	Blue, 230V LED	1NO	NP2-EW3661 230V LED	575337
Plastic	Illuminated flush button	Blue, 24V LED	1NO	NP2-EW3661 24V LED	575338
Plastic	Illuminated flush button	Blue, 230V LED	1NC	NP2-EW3662 230V LED	575754
Plastic	Illuminated flush button	Blue, 220V LED	1NO+1NC	NP2-EW3665 220V LED	575447
Plastic	Illuminated flush button	Blue, 230V LED	1NO+1NC	NP2-EW3665 230V LED	575720
Plastic	Illuminated flush button	Blue, 24V LED	1NO+1NC	NP2-EW3665 24V LED	575342
Plastic	Illuminated flush button	Blue, 48V LED	1NO+1NC	NP2-EW3665 48V LED	575443

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Industrial Control Components

3.10 Indicator Light

3.10.1 ND16



General Description

ND16 series indicator lights are applicable to electrical circuits with rated working voltage up to 400V AC or DC, for indicational signals, warning signals, accident signals and other signals

Standard: IEC 60947-5

- Rated insulation voltage: 400V
- Rated operating current: ≤20mA
- Operating lifespan: ≥30,000 hours
- Rated impulse withstand voltage: 2.5kV

Full product range: various heads and colors for applications
High performance: IP65 for better protection, LED for long lifespan and low power consumption

ND16	-	22	DS	/	4	C	220V	RED
Product Series		Diameter	Shape and Function		Internal Structure	Protection	Voltage	Color
		16: 16mm 22: 22mm	A: Flat surface, with notches B: Flat surface C: Curved surface, with ripple D: Curved surface AS: Flat surface, with notches, compact BS: Flat surface, compact CS: Curved surface, with ripple, compact DS: Curved surface, compact F: Buzzer, intermittent FS: Buzzer, intermittent,LED flashing L: Buzzer, continuous LC: Buzzer, continuous,LED lighting		2: Resistance type 4: Resistance and capacitance type Blank: Buzzer	C: IP65 K2: anti-interference Blank: IP40	6V 12V 24V 36V 48V 110V 220V 230V 380V 400V	WHT: White RED: Red GRN: Green BLU: Blue YEL: Yellow

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Industrial Control Components

ND16 SKU

Diameter	Shape of the head	Internal Structure	Color or Function	SKU	Ordering Code
22mm	Curved surface	Resistance type	Orange, AC/DC 220V LED	ND16-22D/2 220V ORG	268636
22mm	Curved surface	Resistance type	White, AC/DC 220V LED	ND16-22D/2 220V WHT	592856
22mm	Curved surface	Resistance type	Red, AC/DC 220V LED	ND16-22D/2 220V RED	592858
22mm	Curved surface	Resistance type	Green, AC/DC 220V LED	ND16-22D/2 220V GRN	592860
22mm	Curved surface	Resistance type	Blue, AC/DC 220V LED	ND16-22D/2 220V BLU	592857
22mm	Curved surface	Resistance type	Yellow, AC/DC 220V LED	ND16-22D/2 220V YEL	592859
22mm	Curved surface	Resistance type	Orange, AC/DC 230V LED	ND16-22D/2 230V ORG	268661
22mm	Curved surface	Resistance type	White, AC/DC 230V LED	ND16-22D/2 230V WHT	593073
22mm	Curved surface	Resistance type	Red, AC/DC 230V LED	ND16-22D/2 230V RED	593075
22mm	Curved surface	Resistance type	Green, AC/DC 230V LED	ND16-22D/2 230V GRN	593077
22mm	Curved surface	Resistance type	Blue, AC/DC 230V LED	ND16-22D/2 230V BLU	593074
22mm	Curved surface	Resistance type	Yellow, AC/DC 230V LED	ND16-22D/2 230V YEL	593076
22mm	Curved surface	Resistance type	Orange, AC/DC 24V LED	ND16-22D/2 24V ORG	267925
22mm	Curved surface	Resistance type	White, AC/DC 24V LED	ND16-22D/2 24V WHT	592841
22mm	Curved surface	Resistance type	Red, AC/DC 24V LED	ND16-22D/2 24V RED	592843
22mm	Curved surface	Resistance type	Green, AC/DC 24V LED	ND16-22D/2 24V GRN	592845
22mm	Curved surface	Resistance type	Blue, AC/DC 24V LED	ND16-22D/2 24V BLU	592842
22mm	Curved surface	Resistance type	Yellow, AC/DC 24V LED	ND16-22D/2 24V YEL	592844
22mm	Curved surface	Resistance type	Orange, AC/DC 380V LED	ND16-22D/2 380V ORG	268746
22mm	Curved surface	Resistance type	White, AC/DC 380V LED	ND16-22D/2 380V WHT	592861
22mm	Curved surface	Resistance type	Red, AC/DC 380V LED	ND16-22D/2 380V RED	592863
22mm	Curved surface	Resistance type	Green, AC/DC 380V LED	ND16-22D/2 380V GRN	592865
22mm	Curved surface	Resistance type	Blue, AC/DC 380V LED	ND16-22D/2 380V BLU	592862
22mm	Curved surface	Resistance type	Yellow, AC/DC 380V LED	ND16-22D/2 380V YEL	592864
22mm	Curved surface	Resistance type	Orange, AC/DC 220V LED, IP65	ND16-22D/2C 220V ORG	268637
22mm	Curved surface	Resistance type	White, AC/DC 220V LED, IP65	ND16-22D/2C 220V WHT	828007
22mm	Curved surface	Resistance type	Red, AC/DC 220V LED, IP65	ND16-22D/2C 220V RED	828009
22mm	Curved surface	Resistance type	Green, AC/DC 220V LED, IP65	ND16-22D/2C 220V GRN	828011
22mm	Curved surface	Resistance type	Blue, AC/DC 220V LED, IP65	ND16-22D/2C 220V BLU	828008
22mm	Curved surface	Resistance type	Yellow, AC/DC 220V LED, IP65	ND16-22D/2C 220V YEL	828010
22mm	Curved surface	Resistance type	Orange, AC/DC 230V LED, IP65	ND16-22D/2C 230V ORG	268662
22mm	Curved surface	Resistance type	White, AC/DC 230V LED, IP65	ND16-22D/2C 230V WHT	828017
22mm	Curved surface	Resistance type	Red, AC/DC 230V LED, IP65	ND16-22D/2C 230V RED	828019
22mm	Curved surface	Resistance type	Green, AC/DC 230V LED, IP65	ND16-22D/2C 230V GRN	828021
22mm	Curved surface	Resistance type	Blue, AC/DC 230V LED, IP65	ND16-22D/2C 230V BLU	828018
22mm	Curved surface	Resistance type	Yellow, AC/DC 230V LED, IP65	ND16-22D/2C 230V YEL	828020
22mm	Curved surface	Resistance type	White, AC/DC 24V LED, IP65	ND16-22D/2C 24V WHT	593951
22mm	Curved surface	Resistance type	Red, AC/DC 24V LED, IP65	ND16-22D/2C 24V RED	593953
22mm	Curved surface	Resistance type	Green, AC/DC 24V LED, IP65	ND16-22D/2C 24V GRN	593955

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Industrial Control Components

ND16 SKU

Diameter	Shape of the head	Internal structure	Color or function	SKU	Ordering Code
22mm	Curved surface	Resistance type	Blue, AC/DC 24V LED, IP65	ND16-22D/2C 24V BLU	593952
22mm	Curved surface	Resistance type	Yellow, AC/DC 24V LED, IP65	ND16-22D/2C 24V YEL	593954
22mm	Curved surface	Resistance type	Orange, AC/DC 380V LED, IP65	ND16-22D/2C 380V ORG	268747
22mm	Curved surface	Resistance type	White, AC/DC 380V LED, IP65	ND16-22D/2C 380V WHT	828029
22mm	Curved surface	Resistance type	Red, AC/DC 380V LED, IP65	ND16-22D/2C 380V RED	828031
22mm	Curved surface	Resistance type	Green, AC/DC 380V LED, IP65	ND16-22D/2C 380V GRN	828033
22mm	Curved surface	Resistance type	Blue, AC/DC 380V LED, IP65	ND16-22D/2C 380V BLU	828030
22mm	Curved surface	Resistance type	Yellow, AC/DC 380V LED, IP65	ND16-22D/2C 380V YEL	828032
22mm	Curved surface	Resistance type	Orange, AC/DC 220V LED, anti-interference	ND16-22D/2K2 220V ORG	268652
22mm	Curved surface	Resistance type	White, AC/DC 220V LED, anti-interference	ND16-22D/2K2 220V WHT	593274
22mm	Curved surface	Resistance type	Red, AC/DC 220V LED, anti-interference	ND16-22D/2K2 220V RED	828377
22mm	Curved surface	Resistance type	Green, AC/DC 220V LED, anti-interference	ND16-22D/2K2 220V GRN	593278
22mm	Curved surface	Resistance type	Blue, AC/DC 220V LED, anti-interference	ND16-22D/2K2 220V BLU	593277
22mm	Curved surface	Resistance type	Yellow, AC/DC 220V LED, anti-interference	ND16-22D/2K2 220V YEL	593276
22mm	Curved surface	Resistance type	Orange, AC/DC 230V LED, anti-interference	ND16-22D/2K2 230V ORG	268692
22mm	Curved surface	Resistance type	White, AC/DC 230V LED, anti-interference	ND16-22D/2K2 230V WHT	268691
22mm	Curved surface	Resistance type	Red, AC/DC 230V LED, anti-interference	ND16-22D/2K2 230V RED	268687
22mm	Curved surface	Resistance type	Green, AC/DC 230V LED, anti-interference	ND16-22D/2K2 230V GRN	268689
22mm	Curved surface	Resistance type	Blue, AC/DC 230V LED, anti-interference	ND16-22D/2K2 230V BLU	268690
22mm	Curved surface	Resistance type	Yellow, AC/DC 230V LED, anti-interference	ND16-22D/2K2 230V YEL	268688
22mm	Curved surface	Resistance type	Orange, AC/DC 380V LED, anti-interference	ND16-22D/2K2 380V ORG	268774
22mm	Curved surface	Resistance type	White, AC/DC 380V LED, anti-interference	ND16-22D/2K2 380V WHT	268773
22mm	Curved surface	Resistance type	Red, AC/DC 380V LED, anti-interference	ND16-22D/2K2 380V RED	268769
22mm	Curved surface	Resistance type	Green, AC/DC 380V LED, anti-interference	ND16-22D/2K2 380V GRN	268771
22mm	Curved surface	Resistance type	Blue, AC/DC 380V LED, anti-interference	ND16-22D/2K2 380V BLU	268772
22mm	Curved surface	Resistance type	Yellow, AC/DC 380V LED, anti-interference	ND16-22D/2K2 380V YEL	268770
22mm	Curved surface	Resistance and capacitance type	Orange, AC 220V LED	ND16-22D/4 220V ORG	268634
22mm	Curved surface	Resistance and capacitance type	White, AC 220V LED	ND16-22D/4 220V WHT	592656
22mm	Curved surface	Resistance and capacitance type	Red, AC 220V LED	ND16-22D/4 220V RED	592659
22mm	Curved surface	Resistance and capacitance type	Green, AC 220V LED	ND16-22D/4 220V GRN	592658
22mm	Curved surface	Resistance and capacitance type	Blue, AC 220V LED	ND16-22D/4 220V BLU	592657
22mm	Curved surface	Resistance and capacitance type	Yellow, AC 220V LED	ND16-22D/4 220V YEL	592660
22mm	Curved surface	Resistance and capacitance type	Orange, AC 230V LED	ND16-22D/4 230V ORG	104751
22mm	Curved surface	Resistance and capacitance type	White, AC 230V LED	ND16-22D/4 230V WHT	593279
22mm	Curved surface	Resistance and capacitance type	Red, AC 230V LED	ND16-22D/4 230V RED	593463
22mm	Curved surface	Resistance and capacitance type	Green, AC 230V LED	ND16-22D/4 230V GRN	593464
22mm	Curved surface	Resistance and capacitance type	Blue, AC 230V LED	ND16-22D/4 230V BLU	593465
22mm	Curved surface	Resistance and capacitance type	Yellow, AC 230V LED	ND16-22D/4 230V YEL	593280
22mm	Curved surface	Resistance and capacitance type	Orange, AC 380V LED	ND16-22D/4 380V ORG	268744

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Industrial Control Components

ND16 SKU

Diameter	Shape of the head	Internal Structure	Color or Function	SKU	Ordering Code
22mm	Curved surface	Resistance and capacitance type	White, AC 380V LED	ND16-22D/4 380V WHT	592661
22mm	Curved surface	Resistance and capacitance type	Red, AC 380V LED	ND16-22D/4 380V RED	592664
22mm	Curved surface	Resistance and capacitance type	Green, AC 380V LED	ND16-22D/4 380V GRN	592663
22mm	Curved surface	Resistance and capacitance type	Blue, AC 380V LED	ND16-22D/4 380V BLU	592662
22mm	Curved surface	Resistance and capacitance type	Yellow, AC 380V LED	ND16-22D/4 380V YEL	592665
22mm	Curved surface	Resistance and capacitance type	Orange, AC 220V LED, IP65	ND16-22D/4C 220V ORG	268635
22mm	Curved surface	Resistance and capacitance type	White, AC 220V LED, IP65	ND16-22D/4C 220V WHT	828055
22mm	Curved surface	Resistance and capacitance type	Red, AC 220V LED, IP65	ND16-22D/4C 220V RED	828057
22mm	Curved surface	Resistance and capacitance type	Green, AC 220V LED, IP65	ND16-22D/4C 220V GRN	828059
22mm	Curved surface	Resistance and capacitance type	Blue, AC 220V LED, IP65	ND16-22D/4C 220V BLU	828056
22mm	Curved surface	Resistance and capacitance type	Yellow, AC 220V LED, IP65	ND16-22D/4C 220V YEL	828058
22mm	Curved surface	Resistance and capacitance type	Orange, AC 230V LED, IP65	ND16-22D/4C 230V ORG	268660
22mm	Curved surface	Resistance and capacitance type	White, AC 230V LED, IP65	ND16-22D/4C 230V WHT	828065
22mm	Curved surface	Resistance and capacitance type	Red, AC 230V LED, IP65	ND16-22D/4C 230V RED	828067
22mm	Curved surface	Resistance and capacitance type	Green, AC 230V LED, IP65	ND16-22D/4C 230V GRN	828069
22mm	Curved surface	Resistance and capacitance type	Blue, AC 230V LED, IP65	ND16-22D/4C 230V BLU	828066
22mm	Curved surface	Resistance and capacitance type	Yellow, AC 230V LED, IP65	ND16-22D/4C 230V YEL	828068
22mm	Curved surface	Resistance and capacitance type	Orange, AC 380V LED, IP65	ND16-22D/4C 380V ORG	268745
22mm	Curved surface	Resistance and capacitance type	White, AC 380V LED, IP65	ND16-22D/4C 380V WHT	828080
22mm	Curved surface	Resistance and capacitance type	Red, AC 380V LED, IP65	ND16-22D/4C 380V RED	828082
22mm	Curved surface	Resistance and capacitance type	Green, AC 380V LED, IP65	ND16-22D/4C 380V GRN	828084
22mm	Curved surface	Resistance and capacitance type	Blue, AC 380V LED, IP65	ND16-22D/4C 380V BLU	828081
22mm	Curved surface	Resistance and capacitance type	Yellow, AC 380V LED, IP65	ND16-22D/4C 380V YEL	828083
22mm	Curved surface	Resistance and capacitance type	Orange, AC 220V LED, anti-interference	ND16-22D/4K2 220V ORG	268653
22mm	Curved surface	Resistance and capacitance type	White, AC 220V LED, anti-interference	ND16-22D/4K2 220V WHT	146696
22mm	Curved surface	Resistance and capacitance type	Red, AC 220V LED, anti-interference	ND16-22D/4K2 220V RED	146692
22mm	Curved surface	Resistance and capacitance type	Green, AC 220V LED, anti-interference	ND16-22D/4K2 220V GRN	146694
22mm	Curved surface	Resistance and capacitance type	Blue, AC 220V LED, anti-interference	ND16-22D/4K2 220V BLU	146695
22mm	Curved surface	Resistance and capacitance type	Yellow, AC 220V LED, anti-interference	ND16-22D/4K2 220V YEL	146693
22mm	Curved surface	Resistance and capacitance type	Orange, AC 230V LED, anti-interference	ND16-22D/4K2 230V ORG	268698
22mm	Curved surface	Resistance and capacitance type	White, AC 230V LED, anti-interference	ND16-22D/4K2 230V WHT	268697
22mm	Curved surface	Resistance and capacitance type	Red, AC 230V LED, anti-interference	ND16-22D/4K2 230V RED	268693
22mm	Curved surface	Resistance and capacitance type	Green, AC 230V LED, anti-interference	ND16-22D/4K2 230V GRN	268695
22mm	Curved surface	Resistance and capacitance type	Blue, AC 230V LED, anti-interference	ND16-22D/4K2 230V BLU	268696
22mm	Curved surface	Resistance and capacitance type	Yellow, AC 230V LED, anti-interference	ND16-22D/4K2 230V YEL	268694
22mm	Curved surface	Resistance and capacitance type	Orange, AC 380V LED, anti-interference	ND16-22D/4K2 380V ORG	268780
22mm	Curved surface	Resistance and capacitance type	White, AC 380V LED, anti-interference	ND16-22D/4K2 380V WHT	268779
22mm	Curved surface	Resistance and capacitance type	Red, AC 380V LED, anti-interference	ND16-22D/4K2 380V RED	268775
22mm	Curved surface	Resistance and capacitance type	Green, AC 380V LED, anti-interference	ND16-22D/4K2 380V GRN	268777

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Industrial Control Components

ND16 SKU

Diameter	Shape of the head	Internal Structure	Color or Function	SKU	Ordering Code
22mm	Curved surface	Resistance and capacitance type	Blue, AC 380V LED, anti-interference	ND16-22D/4K2 380V BLU	268778
22mm	Curved surface	Resistance and capacitance type	Yellow, AC 380V LED, anti-interference	ND16-22D/4K2 380V YEL	268776
22mm	Curved surface	Resistance type, compact	Orange, AC/DC 24V LED	ND16-22DS/2 24V ORG	593154
22mm	Curved surface	Resistance type, compact	White, AC/DC 24V LED	ND16-22DS/2 24V WHT	592936
22mm	Curved surface	Resistance type, compact	Red, AC/DC 24V LED	ND16-22DS/2 24V RED	592938
22mm	Curved surface	Resistance type, compact	Green, AC/DC 24V LED	ND16-22DS/2 24V GRN	592940
22mm	Curved surface	Resistance type, compact	Blue, AC/DC 24V LED	ND16-22DS/2 24V BLU	592937
22mm	Curved surface	Resistance type, compact	Yellow, AC/DC 24V LED	ND16-22DS/2 24V YEL	592939
22mm	Curved surface	Resistance type, compact	Orange, AC/DC 24V LED, IP65	ND16-22DS/2C 24V ORG	828117
22mm	Curved surface	Resistance type, compact	White, AC/DC 24V LED, IP65	ND16-22DS/2C 24V WHT	828112
22mm	Curved surface	Resistance type, compact	Red, AC/DC 24V LED, IP65	ND16-22DS/2C 24V RED	828114
22mm	Curved surface	Resistance type, compact	Green, AC/DC 24V LED, IP65	ND16-22DS/2C 24V GRN	828116
22mm	Curved surface	Resistance type, compact	Blue, AC/DC 24V LED, IP65	ND16-22DS/2C 24V BLU	828113
22mm	Curved surface	Resistance type, compact	Yellow, AC/DC 24V LED, IP65	ND16-22DS/2C 24V YEL	828115
22mm	Curved surface	Resistance and capacitance type, compact	Orange, AC 220V LED	ND16-22DS/4 220V ORG	593426
22mm	Curved surface	Resistance and capacitance type, compact	White, AC 220V LED	ND16-22DS/4 220V WHT	592716
22mm	Curved surface	Resistance and capacitance type, compact	Red, AC 220V LED	ND16-22DS/4 220V RED	592718
22mm	Curved surface	Resistance and capacitance type, compact	Green, AC 220V LED	ND16-22DS/4 220V GRN	592720
22mm	Curved surface	Resistance and capacitance type, compact	Blue, AC 220V LED	ND16-22DS/4 220V BLU	592717
22mm	Curved surface	Resistance and capacitance type, compact	Yellow, AC 220V LED	ND16-22DS/4 220V YEL	592719
22mm	Curved surface	Resistance and capacitance type, compact	Orange, AC 230V LED	ND16-22DS/4 230V ORG	593072
22mm	Curved surface	Resistance and capacitance type, compact	White, AC 230V LED	ND16-22DS/4 230V WHT	593085
22mm	Curved surface	Resistance and capacitance type, compact	Red, AC 230V LED	ND16-22DS/4 230V RED	593012
22mm	Curved surface	Resistance and capacitance type, compact	Green, AC 230V LED	ND16-22DS/4 230V GRN	593071
22mm	Curved surface	Resistance and capacitance type, compact	Blue, AC 230V LED	ND16-22DS/4 230V BLU	593152
22mm	Curved surface	Resistance and capacitance type, compact	Yellow, AC 230V LED	ND16-22DS/4 230V YEL	593150
22mm	Curved surface	Resistance and capacitance type, compact	Orange, AC 380V LED	ND16-22DS/4 380V ORG	593427
22mm	Curved surface	Resistance and capacitance type, compact	White, AC 380V LED	ND16-22DS/4 380V WHT	592721
22mm	Curved surface	Resistance and capacitance type, compact	Red, AC 380V LED	ND16-22DS/4 380V RED	592723
22mm	Curved surface	Resistance and capacitance type, compact	Green, AC 380V LED	ND16-22DS/4 380V GRN	592725
22mm	Curved surface	Resistance and capacitance type, compact	Blue, AC 380V LED	ND16-22DS/4 380V BLU	592722
22mm	Curved surface	Resistance and capacitance type, compact	Yellow, AC 380V LED	ND16-22DS/4 380V YEL	592724
22mm	Curved surface	Resistance and capacitance type, compact	Orange, AC 220V LED, IP65	ND16-22DS/4C 220V ORG	828156
22mm	Curved surface	Resistance and capacitance type, compact	White, AC 220V LED, IP65	ND16-22DS/4C 220V WHT	828151
22mm	Curved surface	Resistance and capacitance type, compact	Red, AC 220V LED, IP65	ND16-22DS/4C 220V RED	828153
22mm	Curved surface	Resistance and capacitance type, compact	Green, AC 220V LED, IP65	ND16-22DS/4C 220V GRN	828155
22mm	Curved surface	Resistance and capacitance type, compact	Blue, AC 220V LED, IP65	ND16-22DS/4C 220V BLU	828152

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Industrial Control Components

ND16 SKU

Diameter	Shape of the head	Internal Structure	Color or Function	SKU	Ordering Code
22mm	Curved surface	Resistance and capacitance type, compact	Yellow, AC 220V LED, IP65	ND16-22DS/4C 220V YEL	828154
22mm	Curved surface	Resistance and capacitance type, compact	Orange, AC 230V LED, IP65	ND16-22DS/4C 230V ORG	828168
22mm	Curved surface	Resistance and capacitance type, compact	White, AC 230V LED, IP65	ND16-22DS/4C 230V WHT	828163
22mm	Curved surface	Resistance and capacitance type, compact	Red, AC 230V LED, IP65	ND16-22DS/4C 230V RED	828165
22mm	Curved surface	Resistance and capacitance type, compact	Green, AC 230V LED, IP65	ND16-22DS/4C 230V GRN	828167
22mm	Curved surface	Resistance and capacitance type, compact	Blue, AC 230V LED, IP65	ND16-22DS/4C 230V BLU	828164
22mm	Curved surface	Resistance and capacitance type, compact	Yellow, AC 230V LED, IP65	ND16-22DS/4C 230V YEL	828166
22mm	Curved surface	Resistance and capacitance type, compact	Orange, AC 380V LED, IP65	ND16-22DS/4C 380V ORG	828192
22mm	Curved surface	Resistance and capacitance type, compact	White, AC 380V LED, IP65	ND16-22DS/4C 380V WHT	828187
22mm	Curved surface	Resistance and capacitance type, compact	Red, AC 380V LED, IP65	ND16-22DS/4C 380V RED	828189
22mm	Curved surface	Resistance and capacitance type, compact	Green, AC 380V LED, IP65	ND16-22DS/4C 380V GRN	828191
22mm	Curved surface	Resistance and capacitance type, compact	Blue, AC 380V LED, IP65	ND16-22DS/4C 380V BLU	828188
22mm	Curved surface	Resistance and capacitance type, compact	Yellow, AC 380V LED, IP65	ND16-22DS/4C 380V YEL	828190
22mm	Flat surface	Buzzer	Red, intermittent, AC 220V	ND16-22F AC 220V RED	593391
22mm	Flat surface	Buzzer	Black, intermittent, AC 220V	ND16-22F AC 220V BLK	593390
22mm	Flat surface	Buzzer	Red, intermittent, AC 230V	ND16-22F AC 230V RED	828373
22mm	Flat surface	Buzzer	Black, intermittent, AC 230V	ND16-22F 230V BLK	268685
22mm	Flat surface	Buzzer	Red, intermittent, AC 380V	ND16-22F AC 380V RED	593393
22mm	Flat surface	Buzzer	Black, intermittent, AC 380V	ND16-22F AC 380V BLK	593392
22mm	Flat surface	Buzzer	Red, intermittent, AC/DC 24V	ND16-22F AC/DC 24V RED	593381
22mm	Flat surface	Buzzer	Black, intermittent, AC/DC 24V	ND16-22F AC/DC 24V BLK	593380
22mm	Flat surface	Buzzer	Red, intermittent, AC 220V, LED flashing	ND16-22FS AC 220V RED	593399
22mm	Flat surface	Buzzer	Red, intermittent, AC 230V, LED flashing	ND16-22FS AC 230V RED	593400
22mm	Flat surface	Buzzer	Red, intermittent, AC 380V, LED flashing	ND16-22FS AC 380V RED	593401
22mm	Flat surface	Buzzer	Red, intermittent, AC/DC 24V, LED flashing	ND16-22FS AC/DC 24V RED	593394
22mm	Flat surface	Buzzer	Red, continuous, AC 220V	ND16-22L AC 220V RED	593484
22mm	Flat surface	Buzzer	Black, continuous, AC 220V	ND16-22L AC 220V BLK	593483
22mm	Flat surface	Buzzer	Red, continuous, AC 230V	ND16-22L AC 230V RED	828372
22mm	Flat surface	Buzzer	Black, continuous, AC 230V	ND16-22L 230V BLK	268686
22mm	Flat surface	Buzzer	Red, continuous, AC 380V	ND16-22L AC 380V RED	593486
22mm	Flat surface	Buzzer	Black, continuous, AC 380V	ND16-22L AC 380V BLK	593485
22mm	Flat surface	Buzzer	Red, continuous, AC/DC 24V	ND16-22L AC/DC 24V RED	593474
22mm	Flat surface	Buzzer	Black, continuous, AC/DC 24V	ND16-22L AC/DC 24V BLK	593473
22mm	Flat surface	Buzzer	Red, continuous, AC 220V, LED lighting	ND16-22LC AC 220V RED	593471
22mm	Flat surface	Buzzer	Red, continuous, AC 230V, LED lighting	ND16-22LC AC 230V RED	593910
22mm	Flat surface	Buzzer	Red, continuous, AC 380V, LED lighting	ND16-22LC AC 380V RED	593472
22mm	Flat surface	Buzzer	Red, continuous, AC/DC 24V, LED lighting	ND16-22LC AC/DC 24V RED	593466

3.0

Industrial Control Components

3.10.2 ND3



General Description

ND3 series digital indicator lights are used to transfer the analog signal (voltage, current, frequency, temperature, etc.) into digital display, to indicate signal, measurement and monitoring system parameters, widely used in industrial automation, machinery and equipment (agriculture, textile, printing and dyeing, transportation, energy), power control, etc.

Standard: IEC 60947-3

CE

- Current scope: up to 100A
- Voltage scope: AC50 to 500V
- Temperature scope: -20℃～+199℃

Various display information: voltage, current, frequency, temperature can be displayed individually or in combination, to meet different applications.
Full range products: different shapes and colors for selection.
High protection degree: up to IP53 for hard environment.

ND3	-	22	A	/	S	RED
Product Series		Installation size is φ 22	Specification Code		Light head appearance	Color
			A: Ammeter V: Voltmeter T: Thermometer AV: Current voltmeter AVHz: Current and voltage frequency meter		S: Square lamp head No letter for the round lamp head	BLU: Blue GRN: Green WHT: White RED: Red YEL: Yellow

3.0

Industrial Control Components

ND3 SKU

Indication Function	Shape of the head	Color	SKU	Code
Current	Round	Blue	ND3-22A BLU	508950
Current	Round	Green	ND3-22A GRN	508949
Current	Round	Red	ND3-22A RED	508947
Current	Round	White	ND3-22A WHT	508951
Current	Round	Yellow	ND3-22A YEL	508948
Current	Square	Blue	ND3-22A/S BLU	508955
Current	Square	Green	ND3-22A/S GRN	508954
Current	Square	Red	ND3-22A/S RED	508952
Current	Square	White	ND3-22A/S WHT	508956
Current	Square	Yellow	ND3-22A/S YEL	508953
Current and voltage	Round	Blue	ND3-22AV Blue	513315
Current and voltage	Round	Green	ND3-22AV Green	513314
Current and voltage	Round	Red	ND3-22AV Red	513312
Current and voltage	Round	White	ND3-22AV White	513316
Current and voltage	Round	Yellow	ND3-22AV Yellow	513313
Current and voltage	Square	Blue	ND3-22AV/S BLU	508980
Current and voltage	Square	Green	ND3-22AV/S GRN	508979
Current and voltage	Square	Red	ND3-22AV/S RED	508977
Current and voltage	Square	White	ND3-22AV/S WHT	508981
Current and voltage	Square	Yellow	ND3-22AV/S YEL	508978
Current, voltage and frequency	Square	Blue	ND3-22AVHz/S BLU	508985
Current, voltage and frequency	Square	Green	ND3-22AVHz/S GRN	508984
Current, voltage and frequency	Square	Red	ND3-22AVHz/S RED	508982
Current, voltage and frequency	Square	White	ND3-22AVHz/S WHT	508986
Current, voltage and frequency	Square	Yellow	ND3-22AVHz/S YEL	508983
Temperature	Round	Blue	ND3-22T BLU	508970
Temperature	Round	Green	ND3-22T GRN	508969
Temperature	Round	Red	ND3-22T RED	508967
Temperature	Round	White	ND3-22T WHT	508971
Temperature	Round	Yellow	ND3-22T YEL	508968
Temperature	Square	Blue	ND3-22T/S BLU	508975
Temperature	Square	Green	ND3-22T/S GRN	508974
Temperature	Square	Red	ND3-22T/S RED	508972
Temperature	Square	White	ND3-22T/S WHT	508976
Temperature	Square	Yellow	ND3-22T/S YEL	508973
Voltage	Round	Blue	ND3-22V BLU	508960
Voltage	Round	Green	ND3-22V GRN	508959
Voltage	Round	Red	ND3-22V RED	508957
Voltage	Round	White	ND3-22V WHT	508961
Voltage	Round	Yellow	ND3-22V YEL	508958
Voltage	Square	Blue	ND3-22V/S BLU	508965
Voltage	Square	Green	ND3-22V/S GRN	508964
Voltage	Square	Red	ND3-22V/S RED	508962
Voltage	Square	White	ND3-22V/S WHT	508966
Voltage	Square	Yellow	ND3-22V/S YEL	508963

3.0

Industrial Control Components

3.11 Relay

3.11.1 NJX6



General Description

NJX6 is a new generation relay with 6mm width, available for AC and DC voltage, can be used for PLC control, with matching socket.

- Rated current: 6A/10A
- Contact form: 1Z
- Terminal type: screw type/spring type
- Width: 6.2 mm

Compact size: the width of the relay is just 6.2mm.
Save the space: be suitable for large scale integrated control by the PLC

Relay:

NJX6	-	1Z	6A	DC12V
Product Series		Contact Group	Rated Current	Coil Voltage
		1Z: 1 changeover contact	6A 10A	DC12V DC24V DC48V DC60V

Socket:

NJX6	-	110	-	L
Product Series		Operating Voltage		Terminal Type
		24: AC/DC24V 60: AC/DC60V 110: AC/DC110V 220: AC/DC220V		L: Screw terminal T: Spring terminal

Complete set:

NJX6	-	CT	L	10A	AC/DC110V
Product Series		Complete Set	Terminal Type	Rated Current	Operating Voltage
			L: Screw terminal T: Spring terminal	6A 10A	DC12V DC24V DC48V DC110V DC220V

3.0

Industrial Control Components

NJX6 SKU

Contact	Rated Current	Function	Rated Voltage	SKU	Code
1Z	-	Socket	110V AC/DC	NJX6-110-L	525369
1Z	-	Socket	110V AC/DC	NJX6-110-T	525370
1Z	-	Socket	220V AC/DC	NJX6-220-L	525371
1Z	-	Socket	220V AC/DC	NJX6-220-T	525372
1Z	-	Socket	24V AC/DC	NJX6-24-L	525373
1Z	-	Socket	24V AC/DC	NJX6-24-T	525374
1Z	-	Socket	60V AC/DC	NJX6-60-L	525375
1Z	-	Socket	60V AC/DC	NJX6-60-T	525376
1Z	10A	Socket+Relay	110V AC/DC	NJX6-CTL 10A AC/DC110V	525377
1Z	10A	Socket+Relay	12V AC/DC	NJX6-CTL 10A AC/DC12V	525378
1Z	10A	Socket+Relay	220V AC/DC	NJX6-CTL 10A AC/DC220V	525379
1Z	10A	Socket+Relay	24V AC/DC	NJX6-CTL 10A AC/DC24V	525380
1Z	10A	Socket+Relay	48V AC/DC	NJX6-CTL 10A AC/DC48V	525381
1Z	6A	Socket+Relay	110V AC/DC	NJX6-CTL 6A AC/DC110V	525382
1Z	6A	Socket+Relay	12V AC/DC	NJX6-CTL 6A AC/DC12V	525383
1Z	6A	Socket+Relay	220V AC/DC	NJX6-CTL 6A AC/DC220V	525384
1Z	6A	Socket+Relay	24V AC/DC	NJX6-CTL 6A AC/DC24V	525385
1Z	6A	Socket+Relay	48V AC/DC	NJX6-CTL 6A AC/DC48V	525386
1Z	10A	Socket+Relay	110V AC/DC	NJX6-CTT 10A AC/DC110V	525387
1Z	10A	Socket+Relay	12V AC/DC	NJX6-CTT 10A AC/DC12V	525388
1Z	10A	Socket+Relay	220V AC/DC	NJX6-CTT 10A AC/DC220V	525389
1Z	10A	Socket+Relay	24V AC/DC	NJX6-CTT 10A AC/DC24V	525390
1Z	10A	Socket+Relay	48V AC/DC	NJX6-CTT 10A AC/DC48V	525391
1Z	6A	Socket+Relay	110V AC/DC	NJX6-CTT 6A AC/DC110V	525392
1Z	6A	Socket+Relay	12V AC/DC	NJX6-CTT 6A AC/DC12V	525393
1Z	6A	Socket+Relay	220V AC/DC	NJX6-CTT 6A AC/DC220V	525394
1Z	6A	Socket+Relay	24V AC/DC	NJX6-CTT 6A AC/DC24V	525395
1Z	6A	Socket+Relay	48V AC/DC	NJX6-CTT 6A AC/DC48V	525396
1Z	10A	Relay	12VDC	NJX6/1Z 10A DC12V	525397
1Z	10A	Relay	24VDC	NJX6/1Z 10A DC24V	525398
1Z	10A	Relay	48VDC	NJX6/1Z 10A DC48V	525399
1Z	10A	Relay	60VDC	NJX6/1Z 10A DC60V	525400
1Z	6A	Relay	12VDC	NJX6/1Z 6A DC12V	525401
1Z	6A	Relay	24VDC	NJX6/1Z 6A DC24V	525402
1Z	6A	Relay	48VDC	NJX6/1Z 6A DC48V	525403
1Z	6A	Relay	60VDC	NJX6/1Z 6A DC60V	525404

3.0

Industrial Control Components

3.11.2 NXJ



General Description

NXJ is a new generation relay with 6mm width, available for AC and DC voltage, can be used for PLC control, with matching socket.

- Rated current: 6A/10A
- Contact form: 1Z
- Terminal type: screw type/spring type
- Width: 6.2 mm

Reliable: silver graphene electroplating contact, can meet the 5VDC 2mA weak electrical conductivity, increasing 20% of the electrical life
Strong adaptability : can resist the erosion of dust, corrosive gases, and liquids

Relay:

NXJ	–	A	220V	–	2Z	1	D
Relay Model		**Coil Type**	**Coil Voltage**		**Contact Form**	**Connection Method**	**Additional Function**
		A:AC None:DC	DC: 5V,6V,12V,24V,36V, 48V,110V,127V,220V AC: 6V,12V,24V,36V,48V, 110V,127V,220V, 240V,380V,400V,415V		2Z:Switching between two groups 3Z:Switching between three groups 4Z:Switching between four groups 2ZH:Switching between two groups with big current	1:Directly plugged 6:Welded	None:Standard product D:With status indicator B:With status indicator and surge suppressor(DC) M:With arc isolator,only for 4Z contact

Socket:

Model Type	Normal	With Finger Protection	With Indication Sign
NXJ/2Z □	RS-NXJ-2Z/C1	RS-NXJ-2Z/C2	RS-NXJ-2Z/C3
NXJ/3Z □	RS-NXJ-3Z/C1	RS-NXJ-3Z/C2	RS-NXJ-3Z/C3
NXJ/4Z □	RS-NXJ-4Z/C1	RS-NXJ-4Z/C2	RS-NXJ-4Z/C3
Fixing hook	NG102	NG102	NG103

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Industrial Control Components

NXJ SKU

Contact	Rated Current	Function	Coil	Terminal	SKU	Code
2Z	5A	LED indicator	220VAC	Plug-in	NXJ/2Z (D) 220VAC PLU	843114
2Z	5A	-	220VAC	Plug-in	NXJ/2Z 220VAC PLU	843112
2Z	10A	LED indicator	220VAC	Plug-in	NXJ/2ZH (D) 220VAC PLU	843130
2Z	10A	-	220VAC	Plug-in	NXJ/2ZH 220VAC PLU	843128
3Z	5A	LED indicator	220VAC	Plug-in	NXJ/3Z (D) 220VAC PLU	843118
3Z	5A	-	220VAC	Plug-in	NXJ/3Z 220VAC PLU	843116
4Z	3A	LED indicator, with arc shield	220VAC	Plug-in	NXJ/4Z (D) (M) 220VAC PLU	843126
4Z	3A	LED indicator	220VAC	Plug-in	NXJ/4Z (D) 220VAC PLU	843122
4Z	3A	Arc Shield	220VAC	Plug-in	NXJ/4Z (M) 220VAC PLU	843124
4Z	3A	-	220VAC	Plug-in	NXJ/4Z 220VAC PLU	843120
2Z	5A	LED indicator and surge suppression	24VDC	Plug-in	NXJ/2Z (B) 24VDC PLU	843086
2Z	5A	LED indicator	24VDC	Plug-in	NXJ/2Z (D) 24VDC PLU	843084
2Z	5A	-	24VDC	Plug-in	NXJ/2Z 24VDC PLU	843082
2Z	10A	LED indicator and surge suppression	24VDC	Plug-in	NXJ/2ZH (B) 24VDC PLU	843110
2Z	10A	LED indicator	24VDC	Plug-in	NXJ/2ZH (D) 24VDC PLU	843108
2Z	10A	-	24VDC	Plug-in	NXJ/2ZH 24VDC PLU	843106
3Z	5A	LED indicator and surge suppression	24VDC	Plug-in	NXJ/3Z (B) 24VDC PLU	843092
3Z	5A	LED indicator	24VDC	Plug-in	NXJ/3Z (D) 24VDC PLU	843090
3Z	5A	-	24VDC	Plug-in	NXJ/3Z 24VDC PLU	843088
4Z	3A	LED indicator and surge suppression, with arc shield	24VDC	Plug-in	NXJ/4Z (B) (M) 24VDC PLU	843104
4Z	3A	LED indicator and surge suppression	24VDC	Plug-in	NXJ/4Z (B) 24VDC PLU	843098
4Z	3A	LED indicator, with arc shield	24VDC	Plug-in	NXJ/4Z (D) (M) 24VDC PLU	843102
4Z	3A	LED indicator	24VDC	Plug-in	NXJ/4Z (D) 24VDC PLU	843096
4Z	3A	Arc Shield	24VDC	Plug-in	NXJ/4Z (M) 24VDC PLU	843100
4Z	3A	-	24VDC	Plug-in	NXJ/4Z 24VDC PLU	843094
2Z	5A	-	220VAC	Plug-in	NXJ/2Z 220VAC PLU	829807
2Z	5A	-	220VDC	Plug-in	NXJ/2Z 220VDC PLU	829538
2Z	5A	-	230VAC	Plug-in	NXJ/2Z 230VAC PLU	829808
2Z	5A	-	240VAC	Plug-in	NXJ/2Z 240VAC PLU	829809
2Z	5A	-	24VAC	Plug-in	NXJ/2Z 24VAC PLU	829802
2Z	5A	-	24VDC	Plug-in	NXJ/2Z 24VDC PLU	829533
2Z	5A	-	380VAC	Plug-in	NXJ/2Z 380VAC PLU	829810
2Z	5A	-	400VAC	Plug-in	NXJ/2Z 400VAC PLU	829811
2Z	5A	-	415VAC	Plug-in	NXJ/2Z 415VAC PLU	829812
2Z	5A	-	220VDC	Plug-in	NXJ/2Z220VDC PLU	252646
2Z	5A	-	230VAC	Plug-in	NXJ/2Z230VAC PLU	252668
2Z	5A	-	24VAC	Plug-in	NXJ/2Z24VAC PLU	252663
2Z	10A	-	220VAC	Plug-in	NXJ/2ZH 220VAC PLU	843037
2Z	10A	-	220VDC	Plug-in	NXJ/2ZH 220VDC PLU	829754
2Z	10A	-	230VAC	Plug-in	NXJ/2ZH 230VAC PLU	843038

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Industrial Control Components

NXJ SKU

Contact	Rated Current	Function	Coil	Terminal	SKU	Code
2Z	10A	-	240VAC	Plug-in	NXJ/2ZH 240VAC PLU	843039
2Z	10A	-	24VAC	Plug-in	NXJ/2ZH 24VAC PLU	843032
2Z	10A	-	24VDC	Plug-in	NXJ/2ZH 24VDC PLU	829749
2Z	10A	-	380VAC	Plug-in	NXJ/2ZH 380VAC PLU	843040
2Z	10A	-	400VAC	Plug-in	NXJ/2ZH 400VAC PLU	843041
2Z	10A	-	415VAC	Plug-in	NXJ/2ZH 415VAC PLU	843042
2Z	10A	-	220VDC	Plug-in	NXJ/2ZH220VDC PLU	252660
2Z	10A	-	24VAC	Plug-in	NXJ/2ZH24VAC PLU	252689
2Z	10A	LED indicator and surge suppression	220VDC	Plug-in	NXJ/2ZH (B) 220VDC PLU	829790
2Z	10A	LED indicator and surge suppression	24VDC	Plug-in	NXJ/2ZH (B) 24VDC PLU	829785
2Z	10A	LED indicator and surge suppression	220VDC	Plug-in	NXJ/2ZH (B)220VDC PLU	252662
2Z	10A	LED indicator	220VAC	Plug-in	NXJ/2ZH (D) 220VAC PLU	843063
2Z	10A	LED indicator	220VDC	Plug-in	NXJ/2ZH (D) 220VDC PLU	829772
2Z	10A	LED indicator	230VAC	Plug-in	NXJ/2ZH (D) 230VAC PLU	843064
2Z	10A	LED indicator	240VAC	Plug-in	NXJ/2ZH (D) 240VAC PLU	843065
2Z	10A	LED indicator	24VAC	Plug-in	NXJ/2ZH (D) 24VAC PLU	843058
2Z	10A	LED indicator	24VDC	Plug-in	NXJ/2ZH (D) 24VDC PLU	829767
2Z	10A	LED indicator	380VAC	Plug-in	NXJ/2ZH (D) 380VAC PLU	843066
2Z	10A	LED indicator	400VAC	Plug-in	NXJ/2ZH (D) 400VAC PLU	843067
2Z	10A	LED indicator	415VAC	Plug-in	NXJ/2ZH (D) 415VAC PLU	843068
2Z	10A	LED indicator	220VDC	Plug-in	NXJ/2ZH (D)220VDC PLU	252661
2Z	5A	LED indicator and surge suppression	220VDC	Plug-in	NXJ/2Z (B) 220VDC PLU	829574
2Z	5A	LED indicator and surge suppression	24VDC	Plug-in	NXJ/2Z (B) 24VDC PLU	829569
2Z	5A	LED indicator and surge suppression	220VDC	Plug-in	NXJ/2Z (B)220VDC PLU	252649
2Z	5A	LED indicator	220VAC	Plug-in	NXJ/2Z (D) 220VAC PLU	829833
2Z	5A	LED indicator	220VDC	Plug-in	NXJ/2Z (D) 220VDC PLU	829556
2Z	5A	LED indicator	230VAC	Plug-in	NXJ/2Z (D) 230VAC PLU	829834
2Z	5A	LED indicator	240VAC	Plug-in	NXJ/2Z (D) 240VAC PLU	829835
2Z	5A	LED indicator	24VAC	Plug-in	NXJ/2Z (D) 24VAC PLU	829828
2Z	5A	LED indicator	24VDC	Plug-in	NXJ/2Z (D) 24VDC PLU	829551
2Z	5A	LED indicator	380VAC	Plug-in	NXJ/2Z (D) 380VAC PLU	829836
2Z	5A	LED indicator	400VAC	Plug-in	NXJ/2Z (D) 400VAC PLU	829837
2Z	5A	LED indicator	415VAC	Plug-in	NXJ/2Z (D) 415VAC PLU	829838
2Z	5A	LED indicator	220VDC	Plug-in	NXJ/2Z (D)220VDC PLU	252648
2Z	5A	LED indicator	230VAC	Plug-in	NXJ/2Z (D)230VAC PLU	843132
2Z	5A	LED indicator	240VAC	Plug-in	NXJ/2Z (D)240VAC PLU	252669
2Z	5A	LED indicator	24VAC	Plug-in	NXJ/2Z (D)24VAC PLU	843133
3Z	5A	-	220VAC	Plug-in	NXJ/3Z 220VAC PLU	829859
3Z	5A	-	220VDC	Plug-in	NXJ/3Z 220VDC PLU	829592
3Z	5A	-	230VAC	Plug-in	NXJ/3Z 230VAC PLU	829860

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Industrial Control Components

NXJ SKU

Contact	Rated Current	Function	Coil	Terminal	SKU	Code
3Z	5A	-	240VAC	Plug-in	NXJ/3Z 240VAC PLU	829861
3Z	5A	-	24VAC	Plug-in	NXJ/3Z 24VAC PLU	829854
3Z	5A	-	24VDC	Plug-in	NXJ/3Z 24VDC PLU	829587
3Z	5A	-	380VAC	Plug-in	NXJ/3Z 380VAC PLU	829862
3Z	5A	-	400VAC	Plug-in	NXJ/3Z 400VAC PLU	829863
3Z	5A	-	415VAC	Plug-in	NXJ/3Z 415VAC PLU	829864
3Z	5A	-	230VAC	Plug-in	NXJ/3Z230VAC PLU	252674
3Z	5A	-	24VAC	Plug-in	NXJ/3Z24VAC PLU	252671
3Z	5A	LED indicator and surge suppression	220VDC	Plug-in	NXJ/3Z (B) 220VDC PLU	829628
3Z	5A	LED indicator and surge suppression	24VDC	Plug-in	NXJ/3Z (B) 24VDC PLU	829623
3Z	5A	LED indicator and surge suppression	220VDC	Plug-in	NXJ/3Z (B)220VDC PLU	252652
3Z	5A	LED indicator	220VAC	Plug-in	NXJ/3Z (D) 220VAC PLU	829885
3Z	5A	LED indicator	220VDC	Plug-in	NXJ/3Z (D) 220VDC PLU	829610
3Z	5A	LED indicator	230VAC	Plug-in	NXJ/3Z (D) 230VAC PLU	829886
3Z	5A	LED indicator	240VAC	Plug-in	NXJ/3Z (D) 240VAC PLU	829887
3Z	5A	LED indicator	24VAC	Plug-in	NXJ/3Z (D) 24VAC PLU	829880
3Z	5A	LED indicator	24VDC	Plug-in	NXJ/3Z (D) 24VDC PLU	829605
3Z	5A	LED indicator	380VAC	Plug-in	NXJ/3Z (D) 380VAC PLU	829888
3Z	5A	LED indicator	400VAC	Plug-in	NXJ/3Z (D) 400VAC PLU	829889
3Z	5A	LED indicator	415VAC	Plug-in	NXJ/3Z (D) 415VAC PLU	829890
3Z	5A	LED indicator	220VDC	Plug-in	NXJ/3Z (D)220VDC PLU	252651
3Z	5A	LED indicator	230VAC	Plug-in	NXJ/3Z (D)230VAC PLU	252678
3Z	5A	LED indicator	240VAC	Plug-in	NXJ/3Z (D)240VAC PLU	252679
3Z	5A	LED indicator	24VAC	Plug-in	NXJ/3Z (D)24VAC PLU	252676
4Z	3A	-	220VAC	Plug-in	NXJ/4Z 220VAC PLU	829911
4Z	3A	-	220VDC	Plug-in	NXJ/4Z 220VDC PLU	829646
4Z	3A	-	230VAC	Plug-in	NXJ/4Z 230VAC PLU	829912
4Z	3A	-	240VAC	Plug-in	NXJ/4Z 240VAC PLU	829913
4Z	3A	-	24VAC	Plug-in	NXJ/4Z 24VAC PLU	829906
4Z	3A	-	24VDC	Plug-in	NXJ/4Z 24VDC PLU	829641
4Z	3A	-	380VAC	Plug-in	NXJ/4Z 380VAC PLU	829914
4Z	3A	-	400VAC	Plug-in	NXJ/4Z 400VAC PLU	829915
4Z	3A	-	415VAC	Plug-in	NXJ/4Z 415VAC PLU	829916
4Z	3A	-	220VDC	Plug-in	NXJ/4Z220VDC PLU	252654
4Z	3A	-	230VAC	Plug-in	NXJ/4Z230VAC PLU	252687
4Z	3A	-	24VAC	Plug-in	NXJ/4Z24VAC PLU	252681
4Z	3A	LED indicator and surge suppression	220VDC	Plug-in	NXJ/4Z (B) 220VDC PLU	829682
4Z	3A	LED indicator and surge suppression	24VDC	Plug-in	NXJ/4Z (B) 24VDC PLU	829677
4Z	3A	LED indicator and surge suppression	220VDC	Plug-in	NXJ/4Z (B)220VDC PLU	252659
4Z	3A	LED indicator and surge suppression, with arc shield	220VDC	Plug-in	NXJ/4Z (B) (M) 220VDC PLU	829736

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Industrial Control Components

NXJ SKU

Contact	Rated Current	Function	Coil	Terminal	SKU	Code
4Z	3A	LED indicator and surge suppression, with arc shield	24VDC	Plug-in	NXJ/4Z (B) (M) 24VDC PLU	829731
4Z	3A	LED indicator	220VAC	Plug-in	NXJ/4Z (D) 220VAC PLU	829937
4Z	3A	LED indicator	220VDC	Plug-in	NXJ/4Z (D) 220VDC PLU	829664
4Z	3A	LED indicator	230VAC	Plug-in	NXJ/4Z (D) 230VAC PLU	829938
4Z	3A	LED indicator	240VAC	Plug-in	NXJ/4Z (D) 240VAC PLU	829939
4Z	3A	LED indicator	24VAC	Plug-in	NXJ/4Z (D) 24VAC PLU	829932
4Z	3A	LED indicator	24VDC	Plug-in	NXJ/4Z (D) 24VDC PLU	829659
4Z	3A	LED indicator	380VAC	Plug-in	NXJ/4Z (D) 380VAC PLU	829940
4Z	3A	LED indicator	400VAC	Plug-in	NXJ/4Z (D) 400VAC PLU	829941
4Z	3A	LED indicator	415VAC	Plug-in	NXJ/4Z (D) 415VAC PLU	829942
4Z	3A	LED indicator	220VDC	Plug-in	NXJ/4Z (D)220VDC PLU	252657
4Z	3A	LED indicator	230VAC	Plug-in	NXJ/4Z (D)230VAC PLU	843135
4Z	3A	LED indicator	240VAC	Plug-in	NXJ/4Z (D)240VAC PLU	252688
4Z	3A	LED indicator	24VAC	Plug-in	NXJ/4Z (D)24VAC PLU	843134
4Z	3A	LED indicator, with arc shield	220VAC	Plug-in	NXJ/4Z (D) (M) 220VAC PLU	843011
4Z	3A	LED indicator, with arc shield	220VDC	Plug-in	NXJ/4Z (D) (M) 220VDC PLU	829718
4Z	3A	LED indicator, with arc shield	230VAC	Plug-in	NXJ/4Z (D) (M) 230VAC PLU	843012
4Z	3A	LED indicator, with arc shield	240VAC	Plug-in	NXJ/4Z (D) (M) 240VAC PLU	843013
4Z	3A	LED indicator, with arc shield	24VAC	Plug-in	NXJ/4Z (D) (M) 24VAC PLU	843006
4Z	3A	LED indicator, with arc shield	24VDC	Plug-in	NXJ/4Z (D) (M) 24VDC PLU	829713
4Z	3A	LED indicator, with arc shield	380VAC	Plug-in	NXJ/4Z (D) (M) 380VAC PLU	843014
4Z	3A	LED indicator, with arc shield	400VAC	Plug-in	NXJ/4Z (D) (M) 400VAC PLU	843015
4Z	3A	LED indicator, with arc shield	415VAC	Plug-in	NXJ/4Z (D) (M) 415VAC PLU	843016
4Z	3A	Arc Shield	220VAC	Plug-in	NXJ/4Z (M) 220VAC PLU	829963
4Z	3A	Arc Shield	220VDC	Plug-in	NXJ/4Z (M) 220VDC PLU	829700
4Z	3A	Arc Shield	230VAC	Plug-in	NXJ/4Z (M) 230VAC PLU	829964
4Z	3A	Arc Shield	240VAC	Plug-in	NXJ/4Z (M) 240VAC PLU	829965
4Z	3A	Arc Shield	24VAC	Plug-in	NXJ/4Z (M) 24VAC PLU	829958
4Z	3A	Arc Shield	24VDC	Plug-in	NXJ/4Z (M) 24VDC PLU	829695
4Z	3A	Arc Shield	380VAC	Plug-in	NXJ/4Z (M) 380VAC PLU	829966
4Z	3A	Arc Shield	400VAC	Plug-in	NXJ/4Z (M) 400VAC PLU	829967
4Z	3A	Arc Shield	415VAC	Plug-in	NXJ/4Z (M) 415VAC PLU	829968
2Z	5A	Socket for plug-in			RS-NXJ-2Z/C1	829988
2Z	5A	Socket for plug-in, with finger protection			RS-NXJ-2Z/C2	829987
2Z	5A	Socket for plug-in, with blank label			RS-NXJ-2Z/C3	829986
2Z	10A	Socket for plug-in			RS-NXJ-2ZH/C1	829979
2Z	10A	Socket for plug-in, with finger protection			RS-NXJ-2ZH/C2	829978
3Z	5A	Socket for plug-in			RS-NXJ-3Z/C1	829985
3Z	5A	Socket for plug-in, with finger protection			RS-NXJ-3Z/C2	829984
3Z	5A	Socket for plug-in, with blank label			RS-NXJ-3Z/C3	829983
4Z	3A	Socket for plug-in			RS-NXJ-4Z/C1	829982
4Z	3A	Socket for plug-in, with finger protection			RS-NXJ-4Z/C2	829981
4Z	3A	Socket for plug-in, with blank label			RS-NXJ-4Z/C3	829980

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Industrial Control Components

3.11.3 NJMC1



General Description

Contact switching current of up to 16A and 32A; a complete range of AC/DC specifications; NJMCl pulse relay is a mechanical bistable relay that changes the contact state by inputting pulse signals.

CE

- Rated current: 16A, 32A
- Control voltage: AC24V, AC48V, AC220V, AC230V, AC240V, DC24V, DC127V, DC220V
- Poles: 1P, 2P, 3P, 4P

Modular design: 18mm width, din-rail mounting
Flexible control: can be operated locally and remotely controlled

NJMC1	-	32	/	4P	DC24V
↓		↓		↓	↓
Product Series		**Contact Ability**		**Poles**	**Coil Voltage**
				1P 2P 3P 4P	AC24V AC48V AC220V AC230V AC240V DC24V DC127V DC220V

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Industrial Control Components

NJMC1 SKU

Contact Ability	Poles	Coil Voltage	SKU	Code
250V/16A	1P	AC24V	NJMC1-16/1P AC24V	215817
250V/16A	1P	AC48V	NJMC1-16/1P AC48V	296579
250V/16A	1P	AC220V	NJMC1-16/1P AC220V	657012
250V/16A	1P	AC230V	NJMC1-16/1P AC230V	657077
250V/16A	1P	AC240V	NJMC1-16/1P AC240V	215816
250V/16A	1P	DC24V	NJMC1-16/1P DC24V	657011
250V/16A	1P	DC127V	NJMC1-16/1P DC127V	657078
250V/16A	1P	DC220V	NJMC1-16/1P DC220V	281274
250V/16A	2P	AC24V	NJMC1-16/2P AC24V	657069
250V/16A	2P	AC220V	NJMC1-16/2P AC220V	657052
250V/16A	2P	AC230V	NJMC1-16/2P AC230V	657053
250V/16A	2P	DC24V	NJMC1-16/2P DC24V	657051
250V/16A	2P	DC220V	NJMC1-16/2P DC220V	281275
250V/16A	3P	AC24V	NJMC1-16/3P AC24V	657070
250V/16A	3P	AC220V	NJMC1-16/3P AC220V	657055
250V/16A	3P	AC230V	NJMC1-16/3P AC230V	657056
250V/16A	3P	DC24V	NJMC1-16/3P DC24V	657054
250V/16A	3P	DC220V	NJMC1-16/3P DC220V	281276
250V/16A	4P	AC24V	NJMC1-16/4P AC24V	657071
250V/16A	4P	AC220V	NJMC1-16/4P AC220V	657058
250V/16A	4P	AC230V	NJMC1-16/4P AC230V	657059
250V/16A	4P	DC24V	NJMC1-16/4P DC24V	657057
250V/16A	4P	DC220V	NJMC1-16/4P DC220V	281277
250V/32A	1P	AC220V	NJMC1-32/1P AC220V	657014
250V/32A	1P	AC230V	NJMC1-32/1P AC230V	657079
250V/32A	1P	DC24V	NJMC1-32/1P DC24V	657013
250V/32A	1P	DC220V	NJMC1-32/1P DC220V	281220
250V/32A	2P	AC24V	NJMC1-32/2P AC24V	657072
250V/32A	2P	AC220V	NJMC1-32/2P AC220V	657061
250V/32A	2P	AC230V	NJMC1-32/2P AC230V	657062
250V/32A	2P	DC24V	NJMC1-32/2P DC24V	657060
250V/32A	2P	DC220V	NJMC1-32/2P DC220V	281221
250V/32A	3P	AC24V	NJMC1-32/3P AC24V	657073
250V/32A	3P	AC220V	NJMC1-32/3P AC220V	657064
250V/32A	3P	AC230V	NJMC1-32/3P AC230V	657065
250V/32A	3P	DC24V	NJMC1-32/3P DC24V	657063
250V/32A	3P	DC220V	NJMC1-32/3P DC220V	281222
250V/32A	4P	AC24V	NJMC1-32/4P AC24V	657074
250V/32A	4P	AC220V	NJMC1-32/4P AC220V	657067
250V/32A	4P	AC230V	NJMC1-32/4P AC230V	657068
250V/32A	4P	DC24V	NJMC1-32/4P DC24V	657066
250V/32A	4P	DC220V	NJMC1-32/4P DC220V	281223

3.0 Industrial Control Components

3.11.4 NJYB3



General Description

NJYB3 voltage protection relay is mainly used in control circuit with AC frequency of 50Hz/60Hz and rated supply voltage of AC415V (3-phase, 3-wire) and of AC240V (3-phase, 4-wire) as protector of open phase, phase sequence, three-phase voltage unbalance, overvoltage, undervoltage, PTC temperature protection and load terminal, making or breaking circuits.

- Contact capability: AC-15 240V/0.75A, 415V/0.47A; Ith:3A
- Contact form: 1Z
- Applicable power system: 3P3W, 3P4W, 1P, 2P
- Protective functions: overvoltage, undervoltage, phase unbalance, phase sequence, phase failure, PTC, load protection

Modular design: 36mm width and din-rail mounting
Space saving and easy to install: can be installed in the consumer unit

NJYB3	-	13	P	AC415V
Product Series		Functional Code	Additional Function	Control Voltage
		Refer to the functional table	Blank: no additional function P: PTC temperature protection	AC220V AC240V AC380V AC415V

Model	Three-phase	Three-phase four-wire	Single-phase/ two-phase	Overvoltage Protection	Undervoltage Protection	Unbalance Protection	Phase Sequence Protection	Phase Failure Protection	PTC Temperature Protection	Load Protection
NJYB3-1	●	-	-	-	-	-	●	●	○	-
NJYB3-2	●	-	-	(1.05~1.30)×Us	-	-	-	●	-	-
NJYB3-3	●	-	-	-	(0.70~0.95)×Us	-	-	●	-	-
NJYB3-4	●	-	-	(1.05~1.30)×Us	(0.70~0.95)×Us	-	-	●	-	-
NJYB3-5	●	-	-	(1.05~1.30)×Us	(0.70~0.95)×Us	-	●	●	-	-
NJYB3-6	●	-	-	(1.05~1.30)×Us	(0.70~0.95)×Us	Fixed 20%	●	●	○	-
NJYB3-7	●	-	-	Fixed 120%×Us	Fixed 80%×Us	5%~15%	●	●	○	-
NJYB3-8	●	-	-	(1.05~1.30)×Us	(0.70~0.95)×Us	5%~15%	●	●	○	-
NJYB3-9	-	●	●	(1.05~1.30)×Us	-	-	-	●	-	-
NJYB3-10	-	●	●	-	(0.70~0.95)×Us	-	-	●	-	-
NJYB3-11	-	●	●	(1.05~1.30) xUs	(0.70~0.95)×Us	-	-	●	-	-
NJYB3-12	-	●	-	(1.05~1.30)×Us	(0.70~0.95)×Us	-	●	●	-	-
NJYB3-13	-	●	-	(1.05~1.30)×Us	(0.70~0.95)×Us	Fixed 20%	●	●	○	-
NJYB3-14	-	●	-	Fixed 120% xUs	Fixed 80%×Us	5%~15%	●	●	○	-
NJYB3-15	-	●	-	(1.05~1.30) xUs	(0.70~0.95)×Us	5%~15%	●	●	○	-
NJYB3-16	-	●	-	-	-	-	●	●	○	-
NJYB3-17P	●	-	-	-	-	-	-	●	●	-
NJYB3-18	●	-	-	(1.05~1.30)xUs	(0.70~0.95)×Us	Fixed 20%	●	●	-	●

Note: ● mean it must have this function;
- mean it certainly does not have this function;
○ mean this function can be chosen, or can be selected.

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Industrial Control Components

NJYB3 SKU

	Phase & Wire	Overvoltage Protection	Undervoltage Protection	Unbalance Protection	Protection Function	Rated Control Supply Voltage	SKU	Code
NJYB3-1	3-phase, 3-wire	-	-	-	Phase sequence & Phase failure protection, PTC Temperature protection (Optional)	AC415V	NJYB3-1 AC415V	292481
	3-phase, 3-wire	-	-	-	Phase sequence & Phase failure protection, PTC Temperature protection (Optional)	AC380V	NJYB3-1 AC380V	697020
	3-phase, 3-wire	-	-	-	Phase failure protection, PTC Temperature protection	AC415V	NJYB3-1P AC415V	292499
	3-phase, 3-wire	-	-	-	Phase failure protection, PTC Temperature protection	AC380V	NJYB3-1P AC380V	697038
NJYB3-2	3-phase, 3-wire	(1.05~1.3)×Us	-	-	Phase failure protection	AC415V	NJYB3-2 AC415V	292482
	3-phase, 3-wire	(1.05~1.3)×Us	-	-	Phase failure protection	AC380V	NJYB3-2 AC380V	697021
NJYB3-3	3-phase, 3-wire	-	(0.70~0.95)×Us	-	Phase failure protection	AC415V	NJYB3-3 AC415V	292483
	3-phase, 3-wire	-	(0.70~0.95)×Us	-	Phase failure protection	AC380V	NJYB3-3 AC380V	697022
NJYB3-4	3-phase, 3-wire	(1.05~1.3)×Us	(0.70~0.95)×Us	-	Phase failure protection	AC415V	NJYB3-4 AC415V	292484
	3-phase, 3-wire	(1.05~1.3)×Us	(0.70~0.95)×Us	-	Phase failure protection	AC380V	NJYB3-4 AC380V	697023
NJYB3-5	3-phase, 3-wire	(1.05~1.3)×Us	(0.70~0.95)×Us	-	Phase sequence & Phase failure protection	AC415V	NJYB3-5 AC415V	292485
	3-phase, 3-wire	(1.05~1.3)×Us	(0.70~0.95)×Us	-	Phase sequence & Phase failure protection	AC380V	NJYB3-5 AC380V	697024
NJYB3-6	3-phase, 3-wire	(1.05~1.3)×Us	(0.70~0.95)×Us	Fixed 20%	Phase sequence & Phase failure protection, PTC Temperature protection (Optional)	AC415V	NJYB3-6 AC415V	292486
	3-phase, 3-wire	(1.05~1.3)×Us	(0.70~0.95)×Us	Fixed 20%	Phase sequence & Phase failure protection, PTC Temperature protection (Optional)	AC380V	NJYB3-6 AC380V	697025
	3-phase, 3-wire	(1.05~1.3)×Us	(0.70~0.95)×Us	Fixed 20%	Phase sequence & Phase failure protection, PTC Temperature protection	AC415V	NJYB3-6P AC415V	292500
	3-phase, 3-wire	(1.05~1.3)×Us	(0.70~0.95)×Us	Fixed 20%	Phase sequence & Phase failure protection, PTC Temperature protection	AC380V	NJYB3-6P AC380V	697039
NJYB3-7	3-phase, 3-wire	Fixed 120%×Us	Fixed 80%×Us	5%~15%	Phase sequence & Phase failure protection, PTC Temperature protection (Optional)	AC415V	NJYB3-7 AC415V	292487
	3-phase, 3-wire	Fixed 120%×Us	Fixed 80%×Us	5%~15%	Phase sequence & Phase failure protection, PTC Temperature protection (Optional)	AC380V	NJYB3-7 AC380V	697026
	3-phase, 3-wire	Fixed 120%×Us	Fixed 80%×Us	5%~15%	Phase sequence & Phase failure protection, PTC Temperature protection	AC415V	NJYB3-7P AC415V	292501
	3-phase, 3-wire	Fixed 120%×Us	Fixed 80%×Us	5%~15%	Phase sequence & Phase failure protection, PTC Temperature protection	AC380V	NJYB3-7P AC380V	697040
NJYB3-8	3-phase, 3-wire	(1.05~1.3)×Us	(0.70~0.95)×Us	5%~15%	Phase sequence & Phase failure protection, PTC Temperature protection (Optional)	AC415V	NJYB3-8 AC415V	292488
	3-phase, 3-wire	(1.05~1.3)×Us	(0.70~0.95)×Us	5%~15%	Phase sequence & Phase failure protection, PTC Temperature protection (Optional)	AC380V	NJYB3-8 AC380V	697027
	3-phase, 3-wire	(1.05~1.3)×Us	(0.70~0.95)×Us	5%~15%	Phase sequence & Phase failure protection, PTC Temperature protection	AC415V	NJYB3-8P AC415V	292502
	3-phase, 3-wire	(1.05~1.3)×Us	(0.70~0.95)×Us	5%~15%	Phase sequence & Phase failure protection, PTC Temperature protection	AC380V	NJYB3-8P AC380V	697041
NJYB3-9	3-phase, 4-wire; single phase/two phase	(1.05~1.3)×Us	-	-	Phase failure protection	AC240V	NJYB3-9 AC240V	292489
	3-phase, 4-wire; single phase/two phase	(1.05~1.3)×Us	-	-	Phase failure protection	AC220V	NJYB3-9 AC220V	697028
NJYB3-10	3-phase, 4-wire; single phase/two phase	-	(0.70~0.95)×Us	-	Phase failure protection	AC240V	NJYB3-10 AC240V	292490
	3-phase, 4-wire; single phase/two phase	-	(0.70~0.95)×Us	-	Phase failure protection	AC220V	NJYB3-10 AC220V	697029

3.0 Industrial Control Components

NJYB3 SKU

	Phase & Wire	Overvoltage Protection	Undervoltage Protection	Unbalance Protection	Protection Function	Rated Control Supply Voltage	SKU	Code
NJYB3-11	3-phase, 4-wire; single phase/two phase	(1.05~1.3)×Us	(0.70~0.95)×Us	-	Phase failure protection	AC240V	NJYB3-11 AC240V	292491
	3-phase, 4-wire; single phase/two phase	(1.05~1.3)×Us	(0.70~0.95)×Us	-	Phase failure protection	AC220V	NJYB3-11 AC220V	697030
NJYB3-12	3-phase, 4-wire	(1.05~1.3)×Us	(0.70~0.95)×Us	-	Phase sequence & Phase failure protection	AC240V	NJYB3-12 AC240V	292492
	3-phase, 4-wire	(1.05~1.3)×Us	(0.70~0.95)×Us	-	Phase sequence & Phase failure protection	AC220V	NJYB3-12 AC220V	697031
NJYB3-13	3-phase, 4-wire	(1.05~1.3)×Us	(0.70~0.95)×Us	Fixed 20%	Phase sequence & Phase failure protection, PTC Temperature protection (Optional)	AC240V	NJYB3-13 AC240V	292493
	3-phase, 4-wire	(1.05~1.3)×Us	(0.70~0.95)×Us	Fixed 20%	Phase sequence & Phase failure protection, PTC Temperature protection (Optional)	AC220V	NJYB3-13 AC220V	697032
	3-phase, 4-wire	(1.05~1.3)×Us	(0.70~0.95)×Us	Fixed 20%	Phase sequence & Phase failure protection, PTC Temperature protection	AC240V	NJYB3-13P AC240V	292503
	3-phase, 4-wire	(1.05~1.3)×Us	(0.70~0.95)×Us	Fixed 20%	Phase sequence & Phase failure protection, PTC Temperature protection	AC220V	NJYB3-13P AC220V	697042
NJYB3-14	3-phase, 4-wire	Fixed 120%×Us	Fixed 80%×Us	5%~15%	Phase sequence & Phase failure protection, PTC Temperature protection (Optional)	AC240V	NJYB3-14 AC240V	292494
	3-phase, 4-wire	Fixed 120%×Us	Fixed 80%×Us	5%~15%	Phase sequence & Phase failure protection, PTC Temperature protection (Optional)	AC220V	NJYB3-14 AC220V	697033
	3-phase, 4-wire	Fixed 120%×Us	Fixed 80%×Us	5%~15%	Phase sequence & Phase failure protection, PTC Temperature protection	AC240V	NJYB3-14P AC240V	292504
	3-phase, 4-wire	Fixed 120%×Us	Fixed 80%×Us	5%~15%	Phase sequence & Phase failure protection, PTC Temperature protection	AC220V	NJYB3-14P AC220V	697043
NJYB3-15	3-phase, 4-wire	(1.05~1.3)×Us	(0.70~0.95)×Us	5%~15%	Phase sequence & Phase failure protection, PTC Temperature protection (Optional)	AC240V	NJYB3-15 AC240V	292495
	3-phase, 4-wire	(1.05~1.3)×Us	(0.70~0.95)×Us	5%~15%	Phase sequence & Phase failure protection, PTC Temperature protection (Optional)	AC220V	NJYB3-15 AC220V	697034
	3-phase, 4-wire	(1.05~1.3)×Us	(0.70~0.95)×Us	5%~15%	Phase sequence & Phase failure protection, PTC Temperature protection	AC240V	NJYB3-15P AC240V	292505
	3-phase, 4-wire	(1.05~1.3)×Us	(0.70~0.95)×Us	5%~15%	Phase sequence & Phase failure protection, PTC Temperature protection	AC220V	NJYB3-15P AC220V	697044
NJYB3-16	3-phase, 4-wire	-	-	-	Phase sequence & Phase failure protection, PTC Temperature protection (Optional)	AC240V	NJYB3-16 AC240V	292496
	3-phase, 4-wire	-	-	-	Phase sequence & Phase failure protection, PTC Temperature protection (Optional)	AC220V	NJYB3-16 AC220V	697035
	3-phase, 4-wire	-	-	-	Phase sequence & Phase failure protection, PTC Temperature protection	AC240V	NJYB3-16P AC240V	292506
	3-phase, 4-wire	-	-	-	Phase sequence & Phase failure protection, PTC Temperature protection	AC220V	NJYB3-16P AC220V	697045
NJYB3-17	3-phase, 3-wire	-	-	-	Phase failure protection, PTC Temperature protection	AC415V	NJYB3-17P AC415V	292497
	3-phase, 3-wire	-	-	-	Phase failure protection, PTC Temperature protection	AC380V	NJYB3-17P AC380V	697036
NJYB3-18	3-phase, 3-wire	(1.05~1.3)×Us	(0.70~0.95)×Us	Fixed 20%	Phase sequence & Phase failure protection, Load protection	AC415V	NJYB3-18 AC415V	292498
	3-phase, 3-wire	(1.05~1.3)×Us	(0.70~0.95)×Us	Fixed 20%	Phase sequence & Phase failure protection, Load protection	AC380V	NJYB3-18 AC380V	697037

3.0

Industrial Control Components

3.11.5 NTE8



General Description

NTE8 Series time delay relay is applicable for controlling circuit @AC 50Hz/60Hz, up to 230V rated voltage or up to DC 24V rated voltage as delay element to make or break circuit according to preset time.

CE

- Contact capability: AC-15 240V/0.75A, 415V/0.47A; DC-13 220V/0.27A; Ith:5A
- Contact form: 1NO/2NO/1Z
- Control voltage: AC24V、AC110V、AC220V、AC230V、AC240V、AC380VAC400V、AC415V.50Hz/60Hz;DC24V
- Working mode: Off-delay, On-delay, Interval-delay, star-delta starting delay, On-delay(multi-gear), Multi delay modes(multi-gear), Trigger interval-delay

Modular design: 18mm width and din-rail mounting
Space saving and easy to install: Can be installed in the consumer unit

NTE8	-	A	0.1s-5s	AC24V
↓		↓	↓	↓
Product series		**Working mode**	**Time delay range**	**Control voltage**
		A:Off-delay B:On-delay C:Trigger interval-delay J:Interval-delay Y:Star-delta starting delay M1 :On-delay(multi-gear) M2:Multi delay modes (multi-gear)	Refer to the technical table	AC24V AC110V AC220V AC230V AC240V AC380V DC24V

3.0

Industrial Control Components

NTE8 SKU

Model	NTE8-A	NTE8-B	NTE8-J	NTE8-Y	NTE8-M1	NTE8-M2	NTE8-C
Working mode	Off-delay	On-delay	Interval-delay	Star-delta starting delay	On-delay (multi-gear)	Multi delay modes(multi-gear)	Trigger interval-delay
Delay range	0.1s~5s 1s~10s 3s~30s 6s~60s 12s~120s 18s~180s 36s~360s 48s~480s 0.5min~5min 1min~10min 3min~30min 6min~60min 12min~120min 18min~180min 36min~360min 48min~480min			0.5s~5s 1s~10s 3s~30s 6s~60s 0.2min~2min 0.3min~3min 0.5min~5min 1min~10min 2min~20min (Star delta conversion 20ms~300ms)	0.1s~1s 1s~10s 0.1min~1min 1min~10min 0.1h~1h 1h~10h 0.1d~1d 1d~10d (multi-gear)	0.1s~1s 1s~10s 10s~100s 1min~10min 10min~100min 1h~10h 10h~100h (multi-gear)	0.5min~20min
Rated control supply voltage Us (V), frequency (Hz)	AC24V、AC110V、AC220V、AC230V、AC240V、AC380V、AC400V、AC415V，50Hz/60Hz; DC24V			AC220V、AC230V、AC240V、AC380V、AC400V、AC415V，50Hz/60Hz	AC36V、AC110V、AC220V、AC230V、AC240V、AC380V、AC400V、AC415V，50Hz/60Hz; DC24V	AC110V、AC220V、AC230V、AC240V、AC380V、AC400V、AC415V，50Hz/60Hz; DC24V	AC110V、AC220V、AC230V、AC240V，50Hz/60Hz
Allowable fluctuation range of rated control power supply voltage	85%Us~110%Us						
Number of contacts	1 group of normally open	1 group of change-over	1 group of change-over	2 group of normally open	1 group of change-over	1 group of change-ver	1 group of normally open
Contact capacity	Ue/Ie:AC-15 240V/0.75A,415V/0.47A; DC-13 220V/0.27A; Ith:5A						Ue/Ie:AC-15 240V/3A,415V/1.9A; DC-13 24V/1.1A; Ith:10A
Electrical life / mechanical life (10,000 times)	10/100						
Setting error	Relative value of setting error ≤10%						
Reset time	≤1s						
Ambient temperature	-5℃ ~+40℃						
Installation method	Guide rail type						

3.0

Industrial Control Components

3.11.6 NKG4-B



General Description

The NKG4-B series time switch can automatically turn on or turn off the power supply of the equipment according to preset time within 24hours, achieving the goal of energy saving by avoiding peak electricity consumption and limited power supply. This product is suitable for water heaters, water dispensers, street lights, staircase lights, advertising light boxes, aquaculture, irrigation, offices and other occasions that require timed control.

CE

- Contact capability: 16A(AC-1), 4A(AC-3 cosΦ=0.6)
- Applied voltage: 200-240V
- Control cycle 24 hours
- Minimum time setting and time interval: 15 minutes
- No. of ON/OFF operations: 96 operations
- Control mode: Permanent ON/Auto control

Modular design: 18mm width and din-rail mounting
Precise time control: Quartz time basis, ±2s/day at 22°C

NKG4	–	B
Product Series		Derivative Code

Control Voltage	Contact Ability	Minimum Time Interval	SKU	Code
AC220V	Ith:16A	15 minutes	G NKG4-B	472002

3.0

Industrial Control Components

3.11.7 NKG3



General Description

NKG3 time switch is used in automatic control circuits with a frequency of AC 50Hz(or 60Hz), a rated control supply voltage of up to 220V and a rated operational current of 3A to provide timed on-off control for street lamps, advertising lamps and similar equipment.

CE

- Contact capability: Ue/Ie: AC-15 240V/3A, 415V/1.9A; Ith:16A
- Control supply voltage: AC220V, AC230V, AC240V, 50Hz/60Hz
- Time control range: 1min~24h
- No. of programming groups: 16 groups
- Built-in battery

Various operating mode: manual on, manual off, automatic on/off, latitude function, daylight saving time function
Precise time control: ±2Sec/day

NKG3	—	16-ON 16-OFF		AC220V
↓		↓		↓
Product Series		**Programming Groups**		**Control Voltage**
		16-ON 16-OFF		AC220V AC230V

Control Voltage	Contact Ability	Minimum Time Interval	SKU	Code
AC220V	240V/3A, Ith:16A	16 groups	NKG3 16-ON 16-OFF AC220V	310024
AC230V	240V/3A, Ith:16A	16 groups	NKG3 16-ON 16-OFF AC230V	310031

3.0

Industrial Control Components

3.12 Load Switch NF2



General Description

NF2 series load switch is mainly used in electrical circuits with AC 50Hz or 60Hz, rated working voltage up to 690V, and rated working current up to 125A, It can be appliable to isolate faulty equipment or perform power outage maintenance. It can be used as the main switch of machine tools, fans, and pumps, and can also be used as the start-stop switch of small-capacity motors.

Standard: IEC 60947-3

CE

- Rated operating current: 25-125A
- Rated operating voltage: up to 690V
- Temperature: -40℃ ~+70℃

Reliable in extreme environment: high and low temperature, no derating at 3000m altitude.
High protection degree: transparent terminals covers are available, IP66 with enclosure for outdoor applications.
More combinations: additional poles and auxiliary contacts can be flexibly assembled, meeting various applications.

NF2	-	80	/	3	H	RY
Product Series		Conventional Thermal Current		Pole	Installation	Handle
		25: 25A 32: 32A 40: 40A 63: 63A 80: 80A 100: 100A 125: 125A		3: 3 poles	DI: DIN rail installation H: panel installation, single hole DO: DIN raill installation, with extension shaft BO: product-set, with plastic box BA: product-set, with aluminium alloy box HH: mechanical combination, DIN rail installation	R: gray handle (available for DI and HH) RY: lockable red and yellow handle B: straight black handle BR: lockable black handle (available for H, DO, BO and BA)

NF2	-	80	PD	R
Product Series		Frame Size	Function	Installation
		40: 40A frame size, for 25/32/40A 80: 80A frame size, for 63/80A 125: 125A frame size, for 100/125A	PS: sync disconnect PD: pre disconnect PN: terminal for N pole PE: terminal for grounding	Blank: for DIN rail installation (DI/DO/BO/BA/HH) R: for panel installation (H)

NF2	-	P1
Product Series		Telesignal
		P1: 1NO+1NC P2: 2NO

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Industrial Control Components

NF2 SKU

Product Reference	Ordering Code	SKU
G NF2 B(R)	557289	Gray handle
G NF2 BY(R)	557288	Lockable black handle
G NF2 DO POLE 200mm(R)	557290	200mm shaft, for DO DIN rail installation products
G NF2 DO ROD 300mm(R)	540343	300mm shaft, for DO DIN rail installation products
G NF2 DO(200mm)	511511	200mm shaft package, for HH mechanical combination products
G NF2 DO (300mm)	511512	300mm shaft package, for HH mechanical combination products
G NF2 RY(R)	540342	Lockable red and yellow handle
G NF2-100/3BO	324165	100A, 3P, plastic enclosure, with lockable black handle
G NF2-100/3BORY(R)	557277	100A, 3P, plastic enclosure, with lockable red and yellow handle
G NF2-100/3DIR	324164	100A, 3P, DIN rail installation, with gray handle
G NF2-100/3DO(R)	557279	100A, 3P, DIN rail installation, without handle and extension shaft
G NF2-100/3DOB	324144	100A, 3P, DIN rail installation, with straight black handle and 135mm extension shaft
G NF2-100/3DOBR	324145	100A, 3P, DIN rail installation, with lockable black handle and 135mm extension shaft
G NF2-100/3DORY	324143	100A, 3P, DIN rail installation, with lockable red and yellow handle, and 135mm extension shaft
G NF2-100/3H(R)	557286	100A, 3P, panel installation, without handle
G NF2-100/3HB	324141	100A, 3P, panel installation, with gray handle
G NF2-100/3HBR	324142	100A, 3P, panel installation, with lockable black handle
G NF2-100/3HRY	324140	100A, 3P, panel installation, with lockable red and yellow handle
G NF2-100/HHRIM2	324170	100A, 6P, mechanical combination product, DIN rail installation, with gray handle 2-positions, all poles closed on the left and opened on the middle
G NF2-100/HHRIM31	324173	100A, 6P, mechanical combination product, DIN rail installation, with gray handle 3-positions, all poles closed on the middle, left 3 poles closed on the left position, right 3 poles closed on the right position
G NF2-100/HHRIM32	324176	100A, 6P, mechanical combination product, DIN rail installation, with gray handle 3-positions, all poles opened on the middle, left 3 poles closed on the left position, right 3 poles closed on the right position
G NF2-125/3BO	324167	125A, 3P, plastic enclosure, with lockable black handle
G NF2-125/3BORY(R)	557278	125A, 3P, plastic enclosure, with lockable red and yellow handle
G NF2-125/3DIR	324166	125A, 3P, DIN rail installation, with gray handle
G NF2-125/3DO(R)	557280	125A, 3P, DIN rail installation, without handle and extension shaft
G NF2-125/3DOB	324150	125A, 3P, DIN rail installation, with straight black handle and 135mm extension shaft
G NF2-125/3DOBR	324151	125A, 3P, DIN rail installation, with lockable black handle and 135mm extension shaft
G NF2-125/3DORY (300mm)	529743	125A, 3P, DIN rail installation, with lockable red and yellow handle, and 300mm extension shaft
G NF2-125/3DORY	324149	125A, 3P, DIN rail installation, with lockable red and yellow handle, and 135mm extension shaft
G NF2-125/3H(R)	557287	125A, 3P, panel installation, without handle
G NF2-125/3HB	324147	125A, 3P, panel installation, with gray handle
G NF2-125/3HBR	324148	125A, 3P, panel installation, with lockable black handle
G NF2-125/3HRY	324146	125A, 3P, panel installation, with lockable red and yellow handle
G NF2-125PD	324204	Additional pole for 125A frame size, pre-disconnected, DIN rail installation
G NF2-125PDR	324215	Additional pole for 125A frame size, pre-disconnected, panel installation
G NF2-125PE	324205	Additional pole for 125A frame size, terminal for grounding, DIN rail installation
G NF2-125PER	324217	Additional pole for 125A frame size, terminal for grounding, panel installation

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Industrial Control Components

NF2 SKU

Product Reference	Ordering Code	Description
G NF2-125PN	324206	Additional pole for 125A frame size, terminal for N pole, DIN rail installation
G NF2-125PNR	324218	Additional pole for 125A frame size, terminal for N pole, panel installation
G NF2-125PS	324203	Additional pole for 125A frame size, sync disconnected, DIN rail installation
G NF2-125PSR	324216	Additional pole for 125A frame size, sync disconnected, panel installation
G NF2-125TS1	324224	Transparent terminal cover for 125A frame size, 1P
G NF2-125TS3	324223	Transparent terminal cover for 125A frame size, 3P
G NF2-25/3BO	324154	25A, 3P, plastic enclosure, with lockable black handle
G NF2-25/3BORY(R)	557272	25A, 3P, plastic enclosure, with lockable red and yellow handle
G NF2-25/3DIR	324155	25A, 3P, DIN rail installation, with gray handle
G NF2-25/3DO(R)	540337	25A, 3P, DIN rail installation, without handle and extension shaft
G NF2-25/3DOB	324114	25A, 3P, DIN rail installation, with straight black handle and 135mm extension shaft
G NF2-25/3DOBR	324115	25A, 3P, DIN rail installation, with lockable black handle and 135mm extension shaft
G NF2-25/3DORY	324113	25A, 3P, DIN rail installation, with lockable red and yellow handle, and 135mm extension shaft
G NF2-25/3H(R)	557281	25A, 3P, panel installation, without handle
G NF2-25/3HB	324111	25A, 3P, panel installation, with gray handle
G NF2-25/3HBR	324112	25A, 3P, panel installation, with lockable black handle
G NF2-25/3HRY	324110	25A, 3P, panel installation, with lockable red and yellow handle
G NF2-32/3BO	324157	32A, 3P, plastic enclosure, with lockable black handle
G NF2-32/3BORY(R)	557273	32A, 3P, plastic enclosure, with lockable red and yellow handle
G NF2-32/3DIR	324156	32A, 3P, DIN rail installation, with gray handle
G NF2-32/3DO(R)	540338	32A, 3P, DIN rail installation, without handle and extension shaft
G NF2-32/3DOB	324120	32A, 3P, DIN rail installation, with straight black handle and 135mm extension shaft
G NF2-32/3DOBR	324121	32A, 3P, DIN rail installation, with lockable black handle and 135mm extension shaft
G NF2-32/3DORY	324119	32A, 3P, DIN rail installation, with lockable red and yellow handle, and 135mm extension shaft
G NF2-32/3H(R)	557282	32A, 3P, panel installation, without handle
G NF2-32/3HB	324117	32A, 3P, panel installation, with gray handle
G NF2-32/3HBR	324118	32A, 3P, panel installation, with lockable black handle
G NF2-32/3HRY	324116	32A, 3P, panel installation, with lockable red and yellow handle
G NF2-40/3BO	324159	40A, 3P, plastic enclosure, with lockable black handle
G NF2-40/3BORY(R)	557274	40A, 3P, plastic enclosure, with lockable red and yellow handle
G NF2-40/3DIR	324158	40A, 3P, DIN rail installation, with gray handle
G NF2-40/3DO(R)	540339	40A, 3P, DIN rail installation, without handle and extension shaft
G NF2-40/3DOB	324126	40A, 3P, DIN rail installation, with straight black handle and 135mm extension shaft
G NF2-40/3DOBR	324127	40A, 3P, DIN rail installation, with lockable black handle and 135mm extension shaft
G NF2-40/3DORY (300mm)	529741	40A, 3P, DIN rail installation, with lockable red and yellow handle, and 300mm extension shaft
G NF2-40/3DORY	324125	40A, 3P, DIN rail installation, with lockable red and yellow handle, and 135mm extension shaft
G NF2-40/3H(R)	557283	40A, 3P, panel installation, without handle

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Industrial Control Components

NF2 SKU

Product Reference	Ordering Code	Description
G NF2-40/3HB	324123	40A, 3P, panel installation, with gray handle
G NF2-40/3HBR	324124	40A, 3P, panel installation, with lockable black handle
G NF2-40/3HRY	324122	40A, 3P, panel installation, with lockable red and yellow handle
G NF2-40PD	324195	Additional pole for 40A frame size, pre-disconnected, DIN rail installation
G NF2-40PDR	324207	Additional pole for 40A frame size, pre-disconnected, panel installation
G NF2-40PE	324198	Additional pole for 40A frame size, terminal for grounding, DIN rail installation
G NF2-40PER	324211	Additional pole for 40A frame size, terminal for grounding, panel installation
G NF2-40PN	324197	Additional pole for 40A frame size, terminal for N pole, DIN rail installation
G NF2-40PNR	324209	Additional pole for 40A frame size, terminal for N pole, panel installation
G NF2-40PS	324194	Additional pole for 40A frame size, sync disconnected, DIN rail installation
G NF2-40PSR	324208	Additional pole for 40A frame size, sync disconnected, panel installation
G NF2-40TS1	324220	Transparent terminal cover for 40A frame size, 1P
G NF2-40TS3	324219	Transparent terminal cover for 40A frame size, 3P
G NF2-63/3BO	324161	63A, 3P, plastic enclosure, with lockable black handle
G NF2-63/3BORY(R)	557275	63A, 3P, plastic enclosure, with lockable red and yellow handle
G NF2-63/3DIR	324160	63A, 3P, DIN rail installation, with gray handle
G NF2-63/3DO(R)	540340	63A, 3P, DIN rail installation, without handle and extension shaft
G NF2-63/3DOB	324132	63A, 3P, DIN rail installation, with straight black handle and 135mm extension shaft
G NF2-63/3DOBR	324133	63A, 3P, DIN rail installation, with lockable black handle and 135mm extension shaft
G NF2-63/3DORY	324131	63A, 3P, DIN rail installation, with lockable red and yellow handle, and 135mm extension shaft
G NF2-63/3H(R)	557284	63A, 3P, panel installation, without handle
G NF2-63/3HB	324129	63A, 3P, panel installation, with gray handle
G NF2-63/3HBR	324130	63A, 3P, panel installation, with lockable black handle
G NF2-63/3HRY	324128	63A, 3P, panel installation, with lockable red and yellow handle
G NF2-63/HHDOBRIM2 (300mm)	511513	63A, 6P, mechanical combination product, DIN rail installation, with lockable black handle and 300mm extension shaft 2-positions, all poles closed on the left and opened on the middle
G NF2-63/HHDORYIM2 (300mm)	514268	63A, 6P, mechanical combination product, DIN rail installation, with lockable red and yellow handle and 300mm extension shaft 2-positions, all poles closed on the left and opened on the middle
G NF2-63/HHRIM2	324169	63A, 6P, mechanical combination product, DIN rail installation, with gray handle 2-positions, all poles closed on the left and opened on the middle
G NF2-63/HHRIM31	324171	63A, 6P, mechanical combination product, DIN rail installation, with gray handle 3-positions, all poles closed on the middle, left 3 poles closed on the left position, right 3 poles closed on the right position
G NF2-63/HHRIM32	324174	63A, 6P, mechanical combination product, DIN rail installation, with gray handle 3-positions, all poles opened on the middle, left 3 poles closed on the left position, right 3 poles closed on the right position
G NF2-80/3BO	324163	80A, 3P, plastic enclosure, with lockable black handle

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Industrial Control Components

NF2 SKU

Product Reference	Ordering Code	SKU
G NF2-80/3BORY(R)	557276	80A, 3P, plastic enclosure, with lockable red and yellow handle
G NF2-80/3DIR	324162	80A, 3P, DIN rail installation, with gray handle
G NF2-80/3DO(R)	540341	80A, 3P, DIN rail installation, without handle and extension shaft
G NF2-80/3DOB	324138	80A, 3P, DIN rail installation, with straight black handle and 135mm extension shaft
G NF2-80/3DOBR	324139	80A, 3P, DIN rail installation, with lockable black handle and 135mm extension shaft
G NF2-80/3DORY (300mm)	529742	80A, 3P, DIN rail installation, with lockable red and yellow handle, and 300mm extension shaft
G NF2-80/3DORY	324137	80A, 3P, DIN rail installation, with lockable red and yellow handle, and 135mm extension shaft
G NF2-80/3H(R)	557285	80A, 3P, panel installation, without handle
G NF2-80/3HB	324135	80A, 3P, panel installation, with gray handle
G NF2-80/3HBR	324136	80A, 3P, panel installation, with lockable black handle
G NF2-80/3HRY	324134	80A, 3P, panel installation, with lockable red and yellow handle
G NF2-80/HHRIM2	324168	80A, 6P, mechanical combination product, DIN rail installation, with gray handle 2-positions, all poles closed on the left and opened on the middle
G NF2-80/HHRIM31	324172	80A, 6P, mechanical combination product, DIN rail installation, with gray handle 3-positions, all poles closed on the middle, left 3 poles closed on the left position, right 3 poles closed on the right position"
G NF2-80/HHRIM32	324175	80A, 6P, mechanical combination product, DIN rail installation, with gray handle 3-positions, all poles opened on the middle, left 3 poles closed on the left position, right 3 poles closed on the right position
G NF2-80PD	324200	Additional pole for 80A frame size, pre-disconnected, DIN rail installation
G NF2-80PDR	324212	Additional pole for 80A frame size, pre-disconnected, panel installation
G NF2-80PE	324202	Additional pole for 80A frame size, terminal for grounding, DIN rail installation
G NF2-80PER	324214	Additional pole for 80A frame size, terminal for grounding, panel installation
G NF2-80PN	324201	Additional pole for 80A frame size, terminal for N pole, DIN rail installation
G NF2-80PNR	324213	Additional pole for 80A frame size, terminal for N pole, panel installation
G NF2-80PS	324199	Additional pole for 80A frame size, sync disconnected, DIN rail installation
G NF2-80PSR	324210	Additional pole for 80A frame size, sync disconnected, panel installation
G NF2-80TS1	324221	Transparent terminal cover for 80A frame size, 1P
G NF2-80TS3	324222	Transparent terminal cover for 80A frame size, 3P
G NF2-P1	324152	Auxiliary contact module, 1NO+1NC
G NF2-P2	324153	Auxiliary contact module, 2NO

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Industrial Control Components

3.13 Cam Switch LW32



General Description

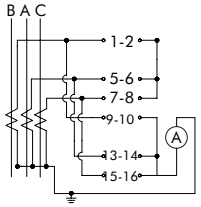
The LW32 series cam switch is suitable for converting electrical control circuits (electromagnetic coils, electrical measuring instruments, servo motors, etc.) in circuits with AC 380V and DC 220V. It can also directly control 5.5kW three-phase squirrel cage induction motors (starting, reversible conversion, variable speed).

- Rated operating voltage: AC380V, DC220V
- Rated operating current: AC-15:380V 2.6A
  DC-13:220V 0.27A
- Conventional thermal current: 20A

Flexible selection: the label and the connection diagram can be customized
Wide application: Can be used for measurement or motor control

LW32	-	20	/	YH5	/	3
↓		↓		↓		↓
Product Series		**Conventional Thermal Current**		**Characteristic Code**		**Section Number**
		20A		Refer to the connection diagram		1 2 3 4 5

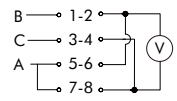
Change-over switch for current measurement

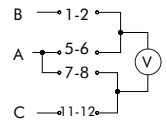
Part No.: 425015		**0**	**IA**	**IB**	**IC**
LW32-20/LH3/4		**0°**	**90°**	**180°**	**270°**
	1-2	x	x		x
	3-4				
	5-6	x		x	x
	7-8	x	x	x	
	9-10			x	
	11-12				
	13-14		x		
	15-16				x

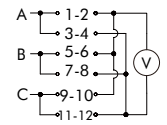
3.0

Industrial Control Components

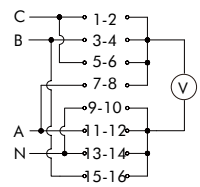
Line voltage phase-change switch

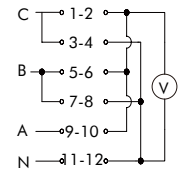
Part No.: 425099		UAB	UBC	UCA
LW32-20/YH4/2		90°	0°	90°
	1-2	x	×	
	3-4		×	×
	5-6			×
	7-8	x		

Part No.: 425105		0	UAB	UBC	UCA
LW32-20/YH2/3		0°	90°	180°	270°
	1-2		x	x	
	3-4				
	5-6				x
	7-8		x		
	9-10				
	11-12			x	x

Part No.: 425014		0	UAB	UBC	UCA
LW32-20/YH3/3		0°	90°	180°	270°
	1-2		x	x	
	3-4				
	5-6				x
	7-8		x		
	9-10				
	11-12			x	x

Phase-change switch for three-phase line voltage and three-phase voltage

Part No.: 425116		UCA	UBC	UAB	0	UAN	UBN	UCN
LW32-20/YH5/4		135°	90°	45°	0°	45°	90°	135°
	1-2		x					x
	3-4			x			x	
	5-6	x						
	7-8					x		
	9-10					x		x
	11-12	x		x				
	13-14						x	
	15-16		x					

Part No.: 425106		UCA	UBC	UAB	0	UAN	UBN	UCN
LW32-20/YH5/3		135°	90°	45°	0°	45°	90°	135°
	1-2		x					x
	3-4	x						
	5-6						x	
	7-8		x	x				
	9-10	x		x		x		
	11-12					x	x	x

3.0

Industrial Control Components

3.14 Fuse RT28/RT29



General Description

RT28 and RT29 series fuse are reliable over - current protection device. It is widely used in industrial control systems, electrical distribution cabinets, and household electrical appliances. Technically, it features high - speed tripping, which can quickly cut off the circuit when over - current occurs. Its compact design saves space, and it has a wide range of rated current options to meet different application needs.

CE

- Rated voltage: AC500V
- Rated current: 2~125A
- Breaking capacity: 100kA
- Size: 10*38mm(RT28-32), 14*51mm(RT28-63), 22*58mm(RT29-125)
- Fuse holder



Base RT28N
Match:
RT28-32, RT28-63



Base NRT28
Match:
RT29-125

RT28	-	32	2A	gG/gL
Product Series		Frame Size	Rated Current	General Purpose Fuse
RT28 RT29		32A 63A 125A	2A、4A、6A、10A、16A、20A 25A、32A、40A、50A、63A、80A 100A、125A	gG/gL

Base RT28N	-	32	X	1P
Product Series		Frame Size	Indicator	Poles
		32A 63A	Blank: No indicator X: With indicator	1P 2P 3P

Base NRT28	-	125	1P
Product Series		Frame Size	Poles
		125A	1P 2P

3.0

Industrial Control Components

3.15 Terminal Block JCUK



General Description

JCUK series is applicable to circuit as wire connection with rated voltage not more than 1000V and rated cross-sectional area of 95mm2.

CCC

- Rated voltage: AC800V
- Cross section: 2.5mm²~95mm²
- One complete terminal block including: several wiring block+1 conductive strip+ 1 barrier+ 2 mounting bracket+ 1 din rail+several marking strip

Wiring block

JCUK -	3	N
Product series	Cross section area(mm²)	Functional code
	2.5 10 3 16 4 35 5 50 6 95	N: normal type(2.5~35mm²) H: big current type(50~95mm²) JD: grounding type(4~35mm²)

Mounting bracket

E/UK
JCUK mounting bracket

Conductive strip

JCUK -	2.5	N	Connection
Product Series	Cross Section Area(mm²)	Functional Code	Conductive Strip
	2.5 5 6 10	N: Normal type	

Din rail

TH35 -	7.5	100cm
Product Series	Model Code	Length
		100cm 200cm

Barrier

JCUK -	2.5	N	BRR
Product Series	Cross Section Area(mm²)	Functional Code	Barrier
	2.5 10 16	N: Normal type	

Marking strip

JCUK -	2.5	N	label
Product Series	Cross section Area(mm²)	Functional Code	Marking Strip
	2.5 5 6 10	N: Normal type	

3.0

Industrial Control Components

JCUK SKU

Accessory Name	Applicable Models	SKU	Code
Wiring block	JCUK-2.5N	JCUK-2.5N	549055
Wiring block	JCUK-3N	JCUK-3N	549047
Wiring block	JCUK-5N	JCUK-5N	549048
Wiring block	JCUK-6N	JCUK-6N	549049
Wiring block	JCUK-10N	JCUK-10N	549050
Wiring block	JCUK-16N	JCUK-16N	549053
Wiring block	JCUK-35N	JCUK-35N	549054
Wiring block	JCUK-50H	JCUK-50H	549068
Wiring block	JCUK-95H	JCUK-95H	549069
Conductive strip	JCUK-2.5N	JCUK-2.5N connection	549059
Conductive strip	JCUK-5N	JCUK-5N/10 connection	549034
Conductive strip	JCUK-6N	JCUK-6N/10 connection	549033
Conductive strip	JCUK-10N	JCUK-10N/10 connection	549032
Barrier	JCUK-2.5N	JCUK-2.5N BRR	549061
Barrier	JCUK-10N	JCUK-10N BRR	549040
Barrier	JCUK-16N	JCUK-16N BRR	549041
Mounting bracket	Full range	E/UK	549076
Marking strip	JCUK-2.5N	JCUK-2.5N label	549062
Marking strip	JCUK-5N	JCUK-5N label	549063
Marking strip	JCUK-6N	JCUK-6N label	549064
Marking strip	JCUK-10N	JCUK-10N label	549065
Din rail	Full range	TH35-7.5 100cm	570003
Din rail	Full range	TH35-7.5 200cm	570002

3.0

Industrial Control Components

3.16 Power Supply NKY2



General Description

NKY2 series switch-mode power supply is a thin din rail type DC power supply. It is applicable to industrial automation control system, communication and monitoring system, electronic instrument, LED display screen, mechanical and electrical equipment as control power supply, lighting power supply and signal power supply of equipment.

CE

- Power : 75W~480W
- Input voltage range : AC90V~264V
- Output DC voltage：12V、24V、48V
- Frequency range: 47 ~ 63Hz

Complete protection: protection against overload, over temperature, overvoltage and short circuit
Reliable: save the time and cost regarding to aftersales

NKY2	–	120	–	12
Product Series		Output Power		Rated Output Voltage
		75: 75W 120: 120W 240: 240W 480: 480W		12: DC12V 24: DC24V 48: DC48V

3.0

Industrial Control Components

NKY2 SKU

Capacity	Input Voltage	Output Voltage	SKU	Code
120VA	AC90V~264V	DC12V	NKY2-120-12	363714
120VA	AC90V~264V	DC24V	NKY2-120-24	363715
120VA	AC90V~264V	DC48V	NKY2-120-48	363716
240VA	AC90V~264V	DC24V	NKY2-240-24	363717
240VA	AC90V~264V	DC48V	NKY2-240-48	363718
480VA	AC90V~264V	DC24V	NKY2-480-24	363719
480VA	AC90V~264V	DC48V	NKY2-480-48	363720
75VA	AC90V~264V	DC12V	NKY2-75-12	363721
75VA	AC90V~264V	DC24V	NKY2-75-24	363722
75VA	AC90V~264V	DC48V	NKY2-75-48	363723

3.0

Industrial Control Components

3.17 Control Transformer NDK



General Description

NDK series control transformers are designed to meet diverse electrical control needs. They are widely used in industrial control systems, power distribution cabinets, and various electrical equipment. These transformers feature high - efficiency energy transfer, stable voltage output, and strong overload capacity. With a compact structure, they are easy to install and maintain, ensuring reliable operation in different applications.

CE

- Phase: single phase
- Rated output capacity: 25VA~5000VA
- Frequency: 50/60Hz
- Customized input and output voltage

NDK	-	75VA	480 240	/	240 120	IEC
↓		↓	↓		↓	↓
Product Series		**Rated Output Capacity(VA)**	**Input Voltage**		**Output Voltage**	**CE Marked**
		25 50 75 100 150 200 250 300 400 500 700 1000 2000 3000 4000 5000 7000 8000 10K 15K 30K	480 440 415 400 380 240 230 220 120 ... The types of input voltage can be customized		380 240 230 220 110 48 36 24 12 6 ... The types of output voltage can be customized	

NDK SKU

Rated output capacity(VA)	Input voltage(V)	Output voltage(V)	Model Description	Code
25	380, 220	220, 110, 48, 24	NDK-25VA 380 220/220 110 48 24 IEC	398802
25	400, 230	110, 36, 24, 12	NDK-25VA 400 230/110 36 24 12 IEC	511649
25	415, 380	220, 110, 48, 36, 24	NDK-25VA 415 380/220 110 48 36 24 IEC	398803
50	380, 220	48, 36, 24, 12	NDK-50VA 380 220/48 36 24 12 IEC	398827
50	400, 230	110, 36, 24, 12	NDK-50VA 400 230/110 36 24 12 IEC	511650
50	415, 230	220, 110, 48, 36, 24	NDK-50VA 415 230/220 110 48 36 24 IEC	398828
50	480, 240	120, 24	NDK-50VA 480 240/120 24 IEC	293440
75	380, 220	380, 220, 110, 24, 12	NDK-75VA 380 220/380 220 110 24 12 IEC	511600
75	415, 230	220, 110, 24, 12, 6	NDK-75VA 415 230/220 110 24 12 6 IEC	511635
75	400, 230	110, 36, 24, 12	NDK-75VA 400 230/110 36 24 12 IEC	511651
75	480, 240	240, 120	NDK-75VA 480 240/240 120 IEC	327174
100	380, 220	220, 110, 48, 24, 12	NDK-100VA 380 220/220 110 48 24 12 IEC	398762
100	440, 240	240, 110, 24	NDK-100VA 440 240/240 110 24 IEC	398764

3.0

Industrial Control Components

NDK SKU

Rated Output Capacity(VA)	Input Voltage(V)	Output Voltage(V)	SKU	Code
100	415, 230	110, 48, 36, 24	NDK-100VA 415 230/110 48 36 24 IEC	398765
100	400, 230	48, 36, 24, 12, 6	NDK-100VA 400 230/48 36 24 12 6 IEC	398770
150	480, 240	240, 120	NDK-100VA 480 240/240 120 IEC	296934
150	380, 220	220, 110, 48, 24, 12	NDK-150VA 380 220/220 110 48 24 12 IEC	398778
150	415, 230	230, 110, 48, 24	NDK-150VA 415 230/230 110 48 24 IEC	398779
150	400, 230	110, 36, 24, 12	NDK-150VA 400 230/110 36 24 12 IEC	511653
150	480, 240	240, 120	NDK-150VA 480 240/240 120 IEC	296936
200	415, 380	220, 110, 48, 24, 12	NDK-200VA 415 380/220 110 48 24 12 IEC	398785
200	380, 220	220, 110, 48, 24, 12	NDK-200VA 380 220/220 110 48 24 12 IEC	398787
200	400, 230	110, 36, 24, 12	NDK-200VA 400 230/110 36 24 12 IEC	511654
200	480, 240	240, 120	NDK-200VA 480 240/240 120 IEC	296938
250	480, 240	240, 120	NDK-250VA 480 240/240 120 IEC	296940
250	415, 230	220, 110, 24, 12, 6	NDK-250VA 415 230/220 110 24 12 6 IEC	511639
250	400, 230	110, 36, 24, 12	NDK-250VA 400 230/110 36 24 12 IEC	511655
250	380, 220	110, 48, 24, 12	NDK-250VA 380 220/110 48 24 12 IEC	511671
300	380, 220	220, 110, 48, 24, 12	NDK-300VA 380 220/220 110 48 24 12 IEC	398813
300	415, 230	230, 110, 48, 24	NDK-300VA 415 230/230 110 48 24 IEC	398816
300	400, 230	110, 36, 24, 12	NDK-300VA 400 230/110 36 24 12 IEC	511656
300	480, 240	240, 120	NDK-300VA 480 240/240 120 IEC	296942
400	415, 230	220, 110, 24, 12, 6	NDK-400VA 415 230/220 110 24 12 6 IEC	511641
400	400, 230	110, 36, 24, 12	NDK-400VA 400 230/110 36 24 12 IEC	511657
400	380, 220	110, 48, 24, 12	NDK-400VA 380 220/110 48 24 12 IEC	511673
500	380, 220	220, 110, 48, 24	NDK-500VA 380 220/220 110 48 24 IEC	398821
500	415, 230	220, 110, 24, 12, 6	NDK-500VA 415 230/220 110 24 12 6 IEC	511642
500	400, 230	110, 48, 24, 12, 6	NDK-500VA 400 230/110 48 24 12 6 IEC	511721
500	480, 240	240, 120	NDK-500VA 480 240/240 120 IEC	296944
700	415, 230	220, 110, 24, 12, 6	NDK-700VA 415 230/220 110 24 12 6 IEC	511643
700	400, 230	110, 36, 24, 12	NDK-700VA 400 230/110 36 24 12 IEC	511659
700	380, 220	110, 48, 24, 12	NDK-700VA 380 220/110 48 24 12 IEC	511675
700	480, 240	240, 120	NDK-700VA 480 240/240 120 IEC	296946
1000	415, 230	220, 110, 24, 12, 6	NDK-1000VA 415 230/220 110 24 12 6 IEC	511644
1000	400, 230	110, 48, 24, 12, 6	NDK-1000VA 400 230/110 48 24 12 6 IEC	511723
1000	380, 220	220, 110, 48, 24	NDK-1000VA 380 220/220 110 48 24 IEC	398751
1000	480, 240	240, 120	NDK-1000VA 480 240/240 120 IEC	293442
2000	415, 230	220, 110, 24, 12, 6	NDK-2000VA 415 230/220 110 24 12 6 IEC	511646
2000	400, 230	110, 36, 24, 12	NDK-2000VA 400 230/110 36 24 12 IEC	511662
2000	380, 220	110, 48, 24, 12	NDK-2000VA 380 220/110 48 24 12 IEC	511678
3000	480, 240, 120	240, 120	NDK-3000VA 480 240 120/240 120 IEC	434382
3000	415, 230	220, 110, 24, 12, 6	NDK-3000VA 415 230/220 110 24 12 6 IEC	511647
3000	400, 230	110, 36, 24, 12	NDK-3000VA 400 230/110 36 24 12 IEC	511663
3000	380, 220	110, 48, 24, 12	NDK-3000VA 380 220/110 48 24 12 IEC	511679
4000	480, 240, 120	240, 120	NDK-4000VA 480 240 120/240 120 IEC	434383
5000	480, 240, 120	240, 120	NDK-5000VA 480 240 120/240 120 IEC	434384
5000	415, 230	220, 110, 24, 12, 6	NDK-5000VA 415 230/220 110 24 12 6 IEC	511648
5000	400, 230	110, 36, 24, 12	NDK-5000VA 400 230/110 36 24 12 IEC	511664
5000	380, 220	110, 48, 24, 12	NDK-5000VA 380 220/110 48 24 12 IEC	511680
7000	380, 220	36, 24, 12, 6	NDK-7000VA 380 220/36 24 12 6 IEC	327162
8000	380, 220	36, 24, 12, 6	NDK-8000VA 380 220/36 24 12 6 IEC	327172


L/OUT N/OUT
IR test can be carried out at Load terminals with device in OFF position
Test regulary
CHNT
NB3LE-AFD
B10
UK
CHNT
NB1-63H
C63
10000
230/400V~
IEC/EN60898-1
179794

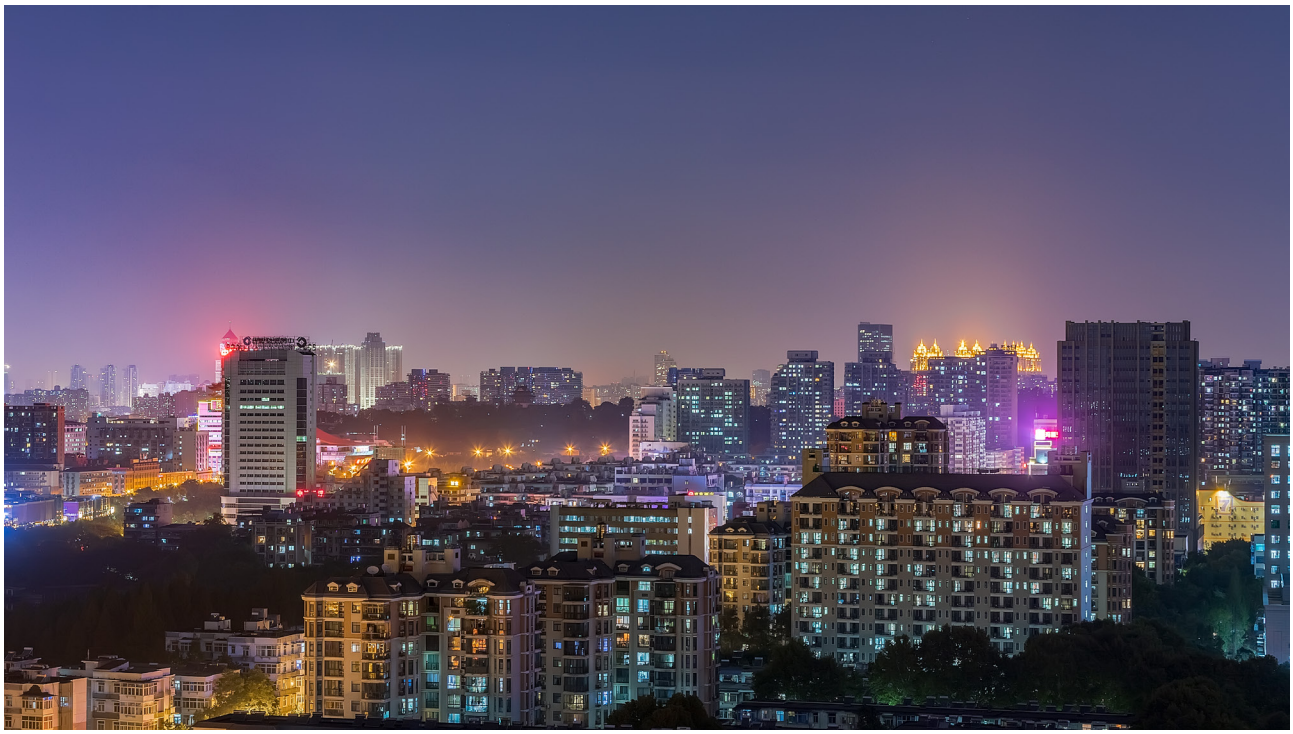
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4.0 Final Distribution Components

4.1 Final Distribution System Solution



Description

Provide a standardized household power distribution solution for residential buildings with a gross floor area ≤150m², ensuring the following protections for daily use:

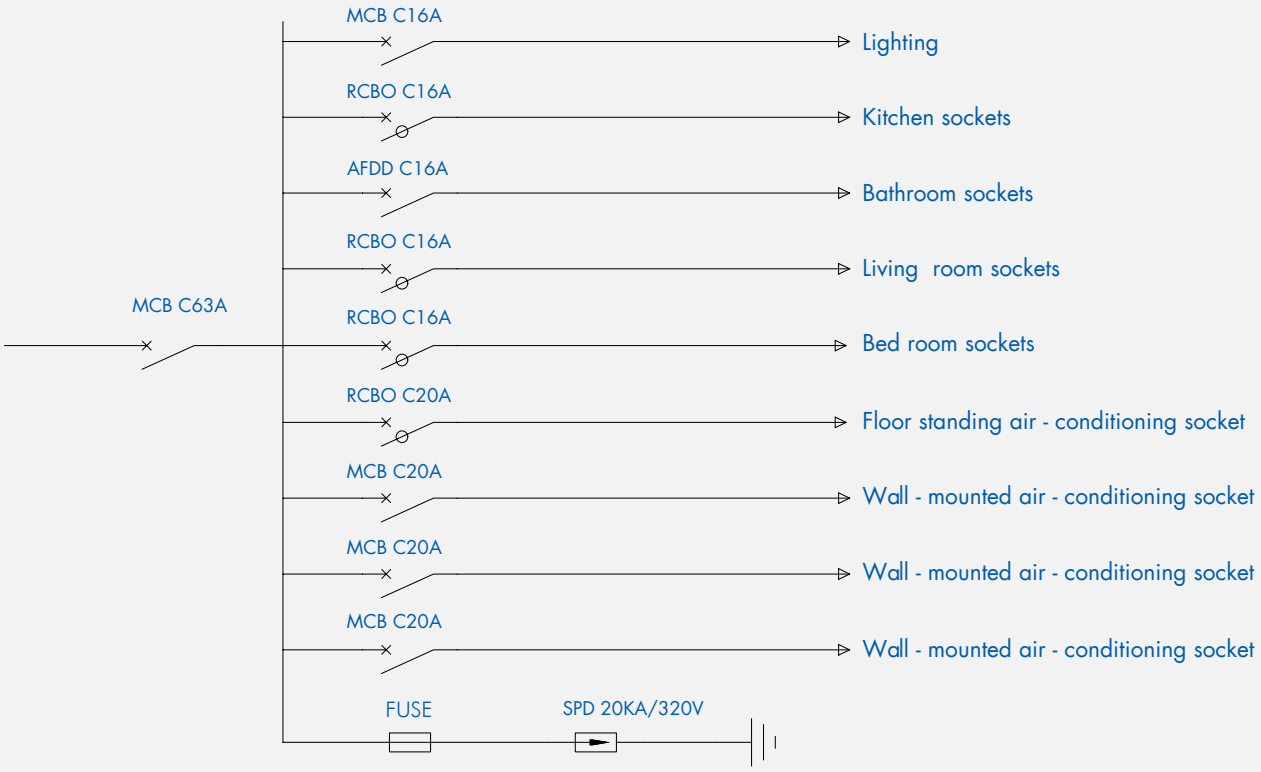
- Overload Protection: Automatic circuit interruption by circuit breakers when the load current exceeds the rated value of the wiring.
- Short-Circuit Protection: Rapid disconnection by circuit breakers to prevent fires caused by high fault currents.
- Residual Current Protection: Additional personal protection provided by RCBO (Residual Current Circuit Breaker with Overload Protection).

These solution meets the above three types of protection while complying with the following requirements:

- Main incoming switch rated current ≥ 32A.
- Power load index for standard residences: 60–80W/ ㎡ (including lighting, sockets, and general household appliances).

4.0 Final Distribution Components

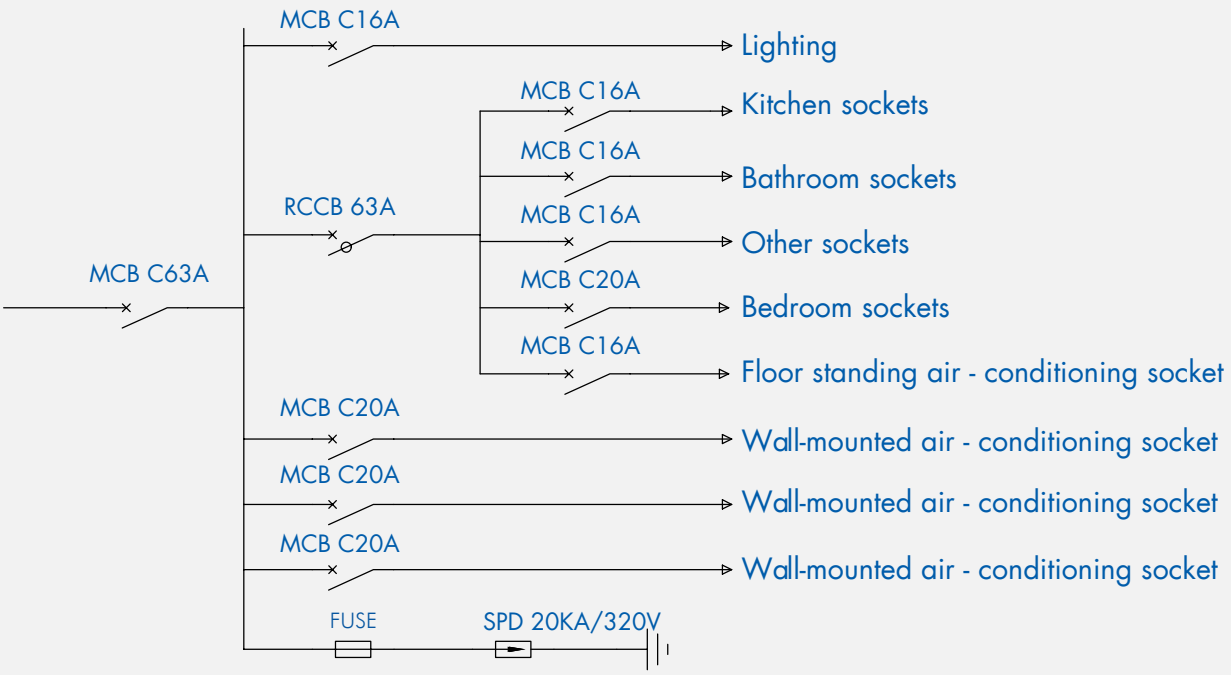
• Single Line Diagram



Product	Type
Enclosure	NGK5, NX30, DB2, DB4, NX3
RCBO	NB1L, NXBLE-63
AFDD	NB3LE-AFD
MCB	NB1, NXB
SPD	NU6-IIG, NXU-IIG

4.0 Final Distribution Components

- Single Line Diagram



Product	Type
Enclosure	NGK5, NX30, DB2, DB4, NX3
MCB	NB1, NXB
RCCB	NL1-63, NXL-63
SPD	NU6-IIG, NXU-IIG

4.0 Final Distribution Components

4.2 Final Distribution Box

NX30 Series Surface/Flush Mounting Distribution Box



NX30	□	□	□	( )
Series Name	Number of circuits: 4/6/8/10/12/15/18/20/24/30/3645/54/60/72/80	G:Eeonomical Type Blank:Normal Type	A:Transparent Cover Default:Opaque Cover	Surface Mounted/Flush Mountied

DB4 Waterproof Distribution Box



DB4	4	01	G
Series Name	Modules(No.): 4、6、9、12、18、24、36	Single-line Terminal 02:Double-line Terminal	G:With lock,Blank:Without lock 01： Single-line Terminal

4.0

Final Distribution Components

NXW5 wall mounted enclosure box



NXW5	– □	□	/ □	( )
Series Name	Height/10	Width/10	Depth/10	Blank:IP54 G:IP66

DB2 Distribution Box



DB2	□	□
Series Name	Number of circuits: 2/4/6/8/10/12/15/18/24/36	F: flush-mounted S: surface-mounted

4.0 Final Distribution Components

4.3 Miniature Circuit Breaker

4.3.1 NB1-63H



General Description

NB1-63H Miniature Circuit Breakers are applicable to circuits with frequency of AC 50/60 Hz, rated voltage up to 240/415 V and rated current up to 63A. They provide overload and short circuit protection, and can also be used for infrequent switching of the circuit under normal circumstances.

Carbon Footprint/REACH

- Rated voltage: AC 230/440V
- Rated current: 1-63A
- Temperature: -35℃ ~ +70℃
- Breaking capacity: 10kA
- Energy limiting class: 3

NB1-63H	1P	B	16	10kA	DB
Frame	Poles	Curve	Current(In)	Breaking Capacity	Busbar
NB1-63H	1P 1P+N 2P 3P 39+N 4P	B C D	1A 2A 3A 4A 6A 10A 13A 16A 20A 25A 32A 40A 50A 63A	10kA	DB:Double Busbar

4.0

Final Distribution Components

NB1-63H SKU

Standard	Busbar	Curve	Poles	In(A)	Icu(kA)	SKU	Code
IEC/EN 60898-1	DB	C	1P	2	10	NB1-63H 1P C2 10kA DB	179785
IEC/EN 60898-1	DB	C	1P	4	10	NB1-63H 1P C4 10kA DB	179790
IEC/EN 60898-1	DB	C	1P	6	10	NB1-63H 1P C6 10kA DB	179793
IEC/EN 60898-1	DB	C	1P	10	10	NB1-63H 1P C10 10kA DB	179782
IEC/EN 60898-1	DB	C	1P	16	10	NB1-63H 1P C16 10kA DB	179784
IEC/EN 60898-1	DB	C	1P	20	10	NB1-63H 1P C20 10kA DB	179786
IEC/EN 60898-1	DB	C	1P	25	10	NB1-63H 1P C25 10kA DB	179787
IEC/EN 60898-1	DB	C	1P	32	10	NB1-63H 1P C32 10kA DB	179789
IEC/EN 60898-1	DB	C	1P	40	10	NB1-63H 1P C40 10kA DB	179791
IEC/EN 60898-1	DB	C	1P	50	10	NB1-63H 1P C50 10kA DB	179792
IEC/EN 60898-1	DB	C	1P	63	10	NB1-63H 1P C63 10kA DB	179794
IEC/EN 60898-1	DB	C	2P	2	10	NB1-63H 2P C2 10kA DB	179827
IEC/EN 60898-1	DB	C	2P	4	10	NB1-63H 2P C4 10kA DB	179832
IEC/EN 60898-1	DB	C	2P	6	10	NB1-63H 2P C6 10kA DB	179835
IEC/EN 60898-1	DB	C	2P	10	10	NB1-63H 2P C10 10kA DB	179824
IEC/EN 60898-1	DB	C	2P	16	10	NB1-63H 2P C16 10kA DB	179826
IEC/EN 60898-1	DB	C	2P	20	10	NB1-63H 2P C20 10kA DB	179828
IEC/EN 60898-1	DB	C	2P	25	10	NB1-63H 2P C25 10kA DB	179829
IEC/EN 60898-1	DB	C	2P	32	10	NB1-63H 2P C32 10kA DB	179831
IEC/EN 60898-1	DB	C	2P	40	10	NB1-63H 2P C40 10kA DB	179833
IEC/EN 60898-1	DB	C	2P	50	10	NB1-63H 2P C50 10kA DB	179834
IEC/EN 60898-1	DB	C	2P	63	10	NB1-63H 2P C63 10kA DB	179836
IEC/EN 60898-1	DB	C	3P	2	10	NB1-63H 3P C2 10kA DB	179869
IEC/EN 60898-1	DB	C	3P	4	10	NB1-63H 3P C4 10kA DB	179874
IEC/EN 60898-1	DB	C	3P	6	10	NB1-63H 3P C6 10kA DB	179877
IEC/EN 60898-1	DB	C	3P	10	10	NB1-63H 3P C10 10kA DB	179866
IEC/EN 60898-1	DB	C	3P	16	10	NB1-63H 3P C16 10kA DB	179868
IEC/EN 60898-1	DB	C	3P	20	10	NB1-63H 3P C20 10kA DB	179870
IEC/EN 60898-1	DB	C	3P	25	10	NB1-63H 3P C25 10kA DB	179871
IEC/EN 60898-1	DB	C	3P	32	10	NB1-63H 3P C32 10kA DB	179873
IEC/EN 60898-1	DB	C	3P	40	10	NB1-63H 3P C40 10kA DB	179875
IEC/EN 60898-1	DB	C	3P	50	10	NB1-63H 3P C50 10kA DB	179876
IEC/EN 60898-1	DB	C	3P	63	10	NB1-63H 3P C63 10kA DB	179878
IEC/EN 60898-1	DB	C	4P	2	10	NB1-63H 4P C2 10kA DB	179911
IEC/EN 60898-1	DB	C	4P	4	10	NB1-63H 4P C4 10kA DB	179916
IEC/EN 60898-1	DB	C	4P	6	10	NB1-63H 4P C6 10kA DB	179919
IEC/EN 60898-1	DB	C	4P	10	10	NB1-63H 4P C10 10kA DB	179908
IEC/EN 60898-1	DB	C	4P	16	10	NB1-63H 4P C16 10kA DB	179910
IEC/EN 60898-1	DB	C	4P	20	10	NB1-63H 4P C20 10kA DB	179912
IEC/EN 60898-1	DB	C	4P	25	10	NB1-63H 4P C25 10kA DB	179913
IEC/EN 60898-1	DB	C	4P	32	10	NB1-63H 4P C32 10kA DB	179915
IEC/EN 60898-1	DB	C	4P	40	10	NB1-63H 4P C40 10kA DB	179917
IEC/EN 60898-1	DB	C	4P	50	10	NB1-63H 4P C50 10kA DB	179918
IEC/EN 60898-1	DB	C	4P	63	10	NB1-63H 4P C63 10kA DB	179920

4.0 Final Distribution Components

4.3.2 NB1-63



General Description

NB1-63 Miniature Circuit Breakers are applicable to circuits with frequency of AC 50/60 Hz, rated voltage up to 240/415 V and rated current up to 63A. They provide overload and short circuit protection, and can also be used for infrequent switching of the circuit under normal circumstances.

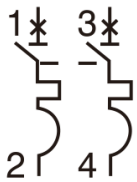
Carbon Footprint/REACH

- Rated voltage: AC 230/440V、AC 240/415V
- Rated current: 1～63A
- Temperature:-35°C～ +70°C
- Breaking capacity: 6kA
- Energy limiting class: 3

NB1-63	1P	C	16	6kA	DB
Frame	Poles	Curve	Current(In)	Breaking Capacity	Busbar
NB1-63	1P 1P+N 2P 3P 3P+N 4P	B C D	1A 2A 3A 4A 6A 10A 13A 16A 20A 25A 32A 40A 50A 63A	6kA 10kA	Blank: Single Busbar DB: Double Busbar

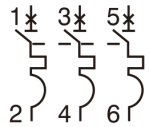
4.0 Final Distribution Components

NB1-63 SKU

Diagram	Standard	Busbar	Curve	Poles	In(A)	Icu(kA)	SKU	Code
	IEC/EN 60898-1	DB	C	1P	1	6	NB1-63 1P C1 6kA DB	179613
	IEC/EN 60898-1	DB	C	1P	2	6	NB1-63 1P C2 6kA DB	179617
	IEC/EN 60898-1	DB	C	1P	3	6	NB1-63 1P C3 6kA DB	179620
	IEC/EN 60898-1	DB	C	1P	4	6	NB1-63 1P C4 6kA DB	179622
	IEC/EN 60898-1	DB	C	1P	6	6	NB1-63 1P C6 6kA DB	179625
	IEC/EN 60898-1	DB	C	1P	10	6	NB1-63 1P C10 6kA DB	179614
	IEC/EN 60898-1	DB	C	1P	13	6	NB1-63 1P C13 6kA DB	179615
	IEC/EN 60898-1	DB	C	1P	16	6	NB1-63 1P C16 6kA DB	179616
	IEC/EN 60898-1	DB	C	1P	20	6	NB1-63 1P C20 6kA DB	179618
	IEC/EN 60898-1	DB	C	1P	25	6	NB1-63 1P C25 6kA DB	179619
	IEC/EN 60898-1	DB	C	1P	32	6	NB1-63 1P C32 6kA DB	179621
	IEC/EN 60898-1	DB	C	1P	40	6	NB1-63 1P C40 6kA DB	179623
	IEC/EN 60898-1	DB	C	1P	50	6	NB1-63 1P C50 6kA DB	179624
	IEC/EN 60898-1	DB	C	1P	63	6	NB1-63 1P C63 6kA DB	179626
	IEC/EN 60898-1	DB	C	2P	1	6	NB1-63 2P C1 6kA DB	179655
	IEC/EN 60898-1	DB	C	2P	2	6	NB1-63 2P C2 6kA DB	179659
	IEC/EN 60898-1	DB	C	2P	3	6	NB1-63 2P C3 6kA DB	179662
	IEC/EN 60898-1	DB	C	2P	4	6	NB1-63 2P C4 6kA DB	179664
	IEC/EN 60898-1	DB	C	2P	6	6	NB1-63 2P C6 6kA DB	179667
	IEC/EN 60898-1	DB	C	2P	10	6	NB1-63 2P C10 6kA DB	179656
	IEC/EN 60898-1	DB	C	2P	13	6	NB1-63 2P C13 6kA DB	179657
	IEC/EN 60898-1	DB	C	2P	16	6	NB1-63 2P C16 6kA DB	179658
	IEC/EN 60898-1	DB	C	2P	20	6	NB1-63 2P C20 6kA DB	179660
	IEC/EN 60898-1	DB	C	2P	25	6	NB1-63 2P C25 6kA DB	179661
	IEC/EN 60898-1	DB	C	2P	32	6	NB1-63 2P C32 6kA DB	179663
	IEC/EN 60898-1	DB	C	2P	40	6	NB1-63 2P C40 6kA DB	179665
	IEC/EN 60898-1	DB	C	2P	50	6	NB1-63 2P C50 6kA DB	179666
	IEC/EN 60898-1	DB	C	2P	63	6	NB1-63 2P C63 6kA DB	179668

4.0 Final Distribution Components

NB1-63 SKU

Diagram	Standard	Busbar	Curve	Poles	In(A)	Icu(kA)	SKU	Code
	IEC/EN 60898-1	DB	C	3P	1	6	NB1-63 3P C1 6kA DB	179697
	IEC/EN 60898-1	DB	C	3P	2	6	NB1-63 3P C2 6kA DB	179701
	IEC/EN 60898-1	DB	C	3P	3	6	NB1-63 3P C3 6kA DB	179704
	IEC/EN 60898-1	DB	C	3P	4	6	NB1-63 3P C4 6kA DB	179706
	IEC/EN 60898-1	DB	C	3P	6	6	NB1-63 3P C6 6kA DB	179709
	IEC/EN 60898-1	DB	C	3P	10	6	NB1-63 3P C10 6kA DB	179698
	IEC/EN 60898-1	DB	C	3P	13	6	NB1-63 3P C13 6kA DB	179699
	IEC/EN 60898-1	DB	C	3P	16	6	NB1-63 3P C16 6kA DB	179700
	IEC/EN 60898-1	DB	C	3P	20	6	NB1-63 3P C20 6kA DB	179702
	IEC/EN 60898-1	DB	C	3P	25	6	NB1-63 3P C25 6kA DB	179703
	IEC/EN 60898-1	DB	C	3P	32	6	NB1-63 3P C32 6kA DB	179705
	IEC/EN 60898-1	DB	C	3P	40	6	NB1-63 3P C40 6kA DB	179707
	IEC/EN 60898-1	DB	C	3P	50	6	NB1-63 3P C50 6kA DB	179708
	IEC/EN 60898-1	DB	C	3P	63	6	NB1-63 3P C63 6kA DB	179710
	IEC/EN 60898-1	DB	C	4P	1	6	NB1-63 4P C1 6kA DB	179739
	IEC/EN 60898-1	DB	C	4P	2	6	NB1-63 4P C2 6kA DB	179743
	IEC/EN 60898-1	DB	C	4P	3	6	NB1-63 4P C3 6kA DB	179746
	IEC/EN 60898-1	DB	C	4P	4	6	NB1-63 4P C4 6kA DB	179748
	IEC/EN 60898-1	DB	C	4P	6	6	NB1-63 4P C6 6kA DB	179751
	IEC/EN 60898-1	DB	C	4P	10	6	NB1-63 4P C10 6kA DB	179740
	IEC/EN 60898-1	DB	C	4P	13	6	NB1-63 4P C13 6kA DB	179741
	IEC/EN 60898-1	DB	C	4P	16	6	NB1-63 4P C16 6kA DB	179742
	IEC/EN 60898-1	DB	C	4P	20	6	NB1-63 4P C20 6kA DB	179744
	IEC/EN 60898-1	DB	C	4P	25	6	NB1-63 4P C25 6kA DB	179745
	IEC/EN 60898-1	DB	C	4P	32	6	NB1-63 4P C32 6kA DB	179747
	IEC/EN 60898-1	DB	C	4P	40	6	NB1-63 4P C40 6kA DB	179749
	IEC/EN 60898-1	DB	C	4P	50	6	NB1-63 4P C50 6kA DB	179750
	IEC/EN 60898-1	DB	C	4P	63	6	NB1-63 4P C63 6kA DB	179752

4.0

Final Distribution Components

4.3.3 DZ158



General Description

DZ158 Miniature Circuit Breaker provides overload and short-circuit protection. It can also infrequently connect and disconnect electrical equipment and lighting circuits under normal conditions. It is suitable for various applications, including industrial, commercial, high-rise buildings, and residential use. Additionally, it can be used as an isolating switch to disconnect the circuit for maintenance of the line and equipment.

- Rated voltage: AC 230/440V
- Rated current: 63~125A
- Thermo-magnetic release characteristic: 8-12In
- Breaking capacity: 6kA, 10kA

DZ158-125	H	1P	63A	10kA
Frame	Breaking Capacity Code	Poles	Current(In)	Breaking Capacity
DZ158-125	Blank:6A H:10kA	1P 2P 3P 4P	63A 80A 100A 125A	6kA 10kA

4.0 Final Distribution Components

DZ158 SKU

Curve	Poles	In(A)	Icu(kA)	Ue(V)	SKU	Code
8-12In	1P	63	6	AC230/240	DZ158-125 1P 63A 6kA	158086
8-12In	1P	80	6	AC230/240	DZ158-125 1P 80A 6kA	158064
8-12In	1P	100	6	AC230/240	DZ158-125 1P 100A 6kA	158063
8-12In	1P	125	6	AC230/240	DZ158-125 1P 125A 6kA	158103
8-12In	2P	63	6	AC400/415	DZ158-125 2P 63A 6kA	158066
8-12In	2P	80	6	AC400/415	DZ158-125 2P 80A 6kA	158067
8-12In	2P	100	6	AC400/415	DZ158-125 2P 100A 6kA	158065
8-12In	2P	125	6	AC400/415	DZ158-125 2P 125A 6kA	158104
8-12In	3P	63	6	AC400/415	DZ158-125 3P 63A 6kA	158069
8-12In	3P	80	6	AC400/415	DZ158-125 3P 80A 6kA	158070
8-12In	3P	100	6	AC400/415	DZ158-125 3P 100A 6kA	158068
8-12In	3P	125	6	AC400/415	DZ158-125 3P 125A 6kA	158105
8-12In	4P	63	6	AC400/415	DZ158-125 4P 63A 6kA	158072
8-12In	4P	80	6	AC400/415	DZ158-125 4P 80A 6kA	158073
8-12In	4P	100	6	AC400/415	DZ158-125 4P 100A 6kA	158071
8-12In	4P	125	6	AC400/415	DZ158-125 4P 125A 6kA	158106
8-12In	1P	63	10	AC230/240	DZ158-125H 1P 63A 10kA	158088
8-12In	1P	80	10	AC230/240	DZ158-125H 1P 80A 10kA	158089
8-12In	1P	100	10	AC230/240	DZ158-125H 1P 100A 10kA	158087
8-12In	1P	125	10	AC230/240	DZ158-125H 1P 125A 10kA	158107
8-12In	2P	63	10	AC400/415	DZ158-125H 2P 63A 10kA	158091
8-12In	2P	80	10	AC400/415	DZ158-125H 2P 80A 10kA	158092
8-12In	2P	100	10	AC400/415	DZ158-125H 2P 100A 10kA	158090
8-12In	2P	125	10	AC400/415	DZ158-125H 2P 125A 10kA	158108
8-12In	3P	63	10	AC400/415	DZ158-125H 3P 63A 10kA	158094
8-12In	3P	80	10	AC400/415	DZ158-125H 3P 80A 10kA	158095
8-12In	3P	100	10	AC400/415	DZ158-125H 3P 100A 10kA	158093
8-12In	3P	125	10	AC400/415	DZ158-125H 3P 125A 10kA	158109
8-12In	4P	63	10	AC400/415	DZ158-125H 4P 63A 10kA	158097
8-12In	4P	80	10	AC400/415	DZ158-125H 4P 80A 10kA	158098
8-12In	4P	100	10	AC400/415	DZ158-125H 4P 100A 10kA	158096
8-12In	4P	125	10	AC400/415	DZ158-125H 4P 125A 10kA	158110

4.0

Final Distribution Components

4.3.4 NXB-63H



General Description

NXB-63H Miniature Circuit Breakers are applicable to circuits with frequency of AC 50/60 Hz, rated voltage up to 240/415 V and rated current up to 63A. They provide overload and short circuit protection, and can also be used for infrequent switching of the circuit under normal circumstances.

Carbon Footprint/REACH

- Rated voltage: AC 240/415V
- Rated current: 1~63A
- Temperature: -35℃~ +70℃
- Breaking capacity: 10kA

NXB-63	H	4P	C	16	10kA
Frame	Breaking Capacity Code	Poles	Curve	Current(In)	Breaking Capacity
NXB-63	H: 10kA	1P 1P+N 2P 3P 3P+N 4P	B C D	1A 2A 3A 4A 6A 10A 16A 20A 25A 32A 40A 50A 63A	10kA

4.0 Final Distribution Components

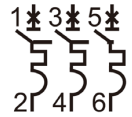
NXB-63H SKU

Diagram	Curve	Poles	In(A)	Icu(kA)	Ue(V)	SKU	Code
	C	1P	1	10	AC240	NXB-63H 1P C1 10kA	813787
	C	1P	2	10	AC240	NXB-63H 1P C2 10kA	813788
	C	1P	3	10	AC240	NXB-63H 1P C3 10kA	813789
	C	1P	4	10	AC240	NXB-63H 1P C4 10kA	813790
	C	1P	6	10	AC240	NXB-63H 1P C6 10kA	813791
	C	1P	10	10	AC240	NXB-63H 1P C10 10kA	813792
	C	1P	16	10	AC240	NXB-63H 1P C16 10kA	813793
	C	1P	20	10	AC240	NXB-63H 1P C20 10kA	813794
	C	1P	25	10	AC240	NXB-63H 1P C25 10kA	813795
	C	1P	32	10	AC240	NXB-63H 1P C32 10kA	813796
	C	1P	40	10	AC240	NXB-63H 1P C40 10kA	813797
	C	1P	50	10	AC240	NXB-63H 1P C50 10kA	813798
	C	1P	63	10	AC240	NXB-63H 1P C63 10kA	813799
	C	2P	1	10	AC415	NXB-63H 2P C1 10kA	813826
	C	2P	2	10	AC415	NXB-63H 2P C2 10kA	813827
	C	2P	3	10	AC415	NXB-63H 2P C3 10kA	813828
	C	2P	4	10	AC415	NXB-63H 2P C4 10kA	813829
	C	2P	6	10	AC415	NXB-63H 2P C6 10kA	813830
	C	2P	10	10	AC415	NXB-63H 2P C10 10kA	813831
	C	2P	16	10	AC415	NXB-63H 2P C16 10kA	813832
	C	2P	20	10	AC415	NXB-63H 2P C20 10kA	813833
	C	2P	25	10	AC415	NXB-63H 2P C25 10kA	813834
	C	2P	32	10	AC415	NXB-63H 2P C32 10kA	813835
	C	2P	40	10	AC415	NXB-63H 2P C40 10kA	813836
	C	2P	50	10	AC415	NXB-63H 2P C50 10kA	813837
	C	2P	63	10	AC415	NXB-63H 2P C63 10kA	813838

4.0

Final Distribution Components

NXB-63H SKU

Diagram	Curve	Poles	In(A)	Icu(kA)	Ue(V)	SKU	Code
	C	3P	1	10	AC415	NXB-63H 3P C1 10kA	813865
	C	3P	2	10	AC415	NXB-63H 3P C2 10kA	813866
	C	3P	3	10	AC415	NXB-63H 3P C3 10kA	813867
	C	3P	4	10	AC415	NXB-63H 3P C4 10kA	813868
	C	3P	6	10	AC415	NXB-63H 3P C6 10kA	813869
	C	3P	10	10	AC415	NXB-63H 3P C10 10kA	813870
	C	3P	16	10	AC415	NXB-63H 3P C16 10kA	813871
	C	3P	20	10	AC415	NXB-63H 3P C20 10kA	813872
	C	3P	25	10	AC415	NXB-63H 3P C25 10kA	813873
	C	3P	32	10	AC415	NXB-63H 3P C32 10kA	813874
	C	3P	40	10	AC415	NXB-63H 3P C40 10kA	813875
	C	3P	50	10	AC415	NXB-63H 3P C50 10kA	813876
	C	3P	63	10	AC415	NXB-63H 3P C63 10kA	813877
	C	4P	1	10	AC415	NXB-63H 4P C1 10kA	813904
	C	4P	2	10	AC415	NXB-63H 4P C2 10kA	813905
	C	4P	3	10	AC415	NXB-63H 4P C3 10kA	813906
	C	4P	4	10	AC415	NXB-63H 4P C4 10kA	813907
	C	4P	6	10	AC415	NXB-63H 4P C6 10kA	813908
	C	4P	10	10	AC415	NXB-63H 4P C10 10kA	813909
	C	4P	16	10	AC415	NXB-63H 4P C16 10kA	813910
	C	4P	20	10	AC415	NXB-63H 4P C20 10kA	813911
	C	4P	25	10	AC415	NXB-63H 4P C25 10kA	813912
	C	4P	32	10	AC415	NXB-63H 4P C32 10kA	813913
	C	4P	40	10	AC415	NXB-63H 4P C40 10kA	813914
	C	4P	50	10	AC415	NXB-63H 4P C50 10kA	813915
	C	4P	63	10	AC415	NXB-63H 4P C63 10kA	813916

4.0 Final Distribution Components

4.3.5 NXB-63



General Description

NXB-63 Miniature Circuit Breakers are applicable to circuits with frequency of AC 50/60 Hz, rated voltage up to 240/415 V and rated current up to 63A. They provide overload and short circuit protection, and can also be used for infrequent switching of the circuit under normal circumstances.

CB CE Carbon Footprint/REACH

- Rated voltage: AC 240/415V
- Rated current: 1~63 A
- Temperature: -35℃ ~+70℃
- Breaking capacity: 6kA

NXB-63		1P	B	1	6kA
Frame	**Breaking Capacity Code**	**Poles**	**Curve**	**Current(In)**	**Breaking Capacity**
NXB-63	Blank: 6kA	1P 1P+N 2P 3P+N 4P	B C D	1A 2A 3A 4A 6A 10A 16A 20A 25A 32A 40A 50A 63A	6kA

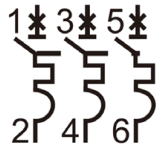
4.0 Final Distribution Components

NXB-63 SKU

Diagram	Curve	Poles	In(A)	Icu(kA)	Ue(V)	SKU	Code
	C	1P	1	6	AC220/230/240	NXB-63 1P C1 6kA	814008
	C	1P	2	6	AC220/230/240	NXB-63 1P C2 6kA	814009
	C	1P	3	6	AC220/230/240	NXB-63 1P C3 6kA	814010
	C	1P	4	6	AC220/230/240	NXB-63 1P C4 6kA	814011
	C	1P	6	6	AC220/230/240	NXB-63 1P C6 6kA	814012
	C	1P	10	6	AC220/230/240	NXB-63 1P C10 6kA	814013
	C	1P	16	6	AC220/230/240	NXB-63 1P C16 6kA	814014
	C	1P	20	6	AC220/230/240	NXB-63 1P C20 6kA	814015
	C	1P	25	6	AC220/230/240	NXB-63 1P C25 6kA	814016
	C	1P	32	6	AC220/230/240	NXB-63 1P C32 6kA	814017
	C	1P	40	6	AC220/230/240	NXB-63 1P C40 6kA	814018
	C	1P	50	6	AC220/230/240	NXB-63 1P C50 6kA	814019
	C	1P	63	6	AC220/230/240	NXB-63 1P C63 6kA	814020
	C	2P	1	6	AC380/400/415	NXB-63 2P C1 6kA	814086
	C	2P	2	6	AC380/400/415	NXB-63 2P C2 6kA	814087
	C	2P	3	6	AC380/400/415	NXB-63 2P C3 6kA	814088
	C	2P	4	6	AC380/400/415	NXB-63 2P C4 6kA	814089
	C	2P	6	6	AC380/400/415	NXB-63 2P C6 6kA	814090
	C	2P	10	6	AC380/400/415	NXB-63 2P C10 6kA	814091
	C	2P	16	6	AC380/400/415	NXB-63 2P C16 6kA	814092
	C	2P	20	6	AC380/400/415	NXB-63 2P C20 6kA	814093
	C	2P	25	6	AC380/400/415	NXB-63 2P C25 6kA	814094
	C	2P	32	6	AC380/400/415	NXB-63 2P C32 6kA	814095
	C	2P	40	6	AC380/400/415	NXB-63 2P C40 6kA	814096
	C	2P	50	6	AC380/400/415	NXB-63 2P C50 6kA	814097
	C	2P	63	6	AC380/400/415	NXB-63 2P C63 6kA	814098

4.0 Final Distribution Components

NXB-63 SKU

Diagram	Curve	Poles	In(A)	Icu(kA)	Ue(V)	SKU	Code
	C	3P	1	6	AC380/400/415	NXB-63 3P C1 6kA	814164
	C	3P	2	6	AC380/400/415	NXB-63 3P C2 6kA	814165
	C	3P	3	6	AC380/400/415	NXB-63 3P C3 6kA	814166
	C	3P	4	6	AC380/400/415	NXB-63 3P C4 6kA	814167
	C	3P	6	6	AC380/400/415	NXB-63 3P C6 6kA	814168
	C	3P	10	6	AC380/400/415	NXB-63 3P C10 6kA	814169
	C	3P	16	6	AC380/400/415	NXB-63 3P C16 6kA	814170
	C	3P	20	6	AC380/400/415	NXB-63 3P C20 6kA	814171
	C	3P	25	6	AC380/400/415	NXB-63 3P C25 6kA	814172
	C	3P	32	6	AC380/400/415	NXB-63 3P C32 6kA	814173
	C	3P	40	6	AC380/400/415	NXB-63 3P C40 6kA	814174
	C	3P	50	6	AC380/400/415	NXB-63 3P C50 6kA	814175
	C	3P	63	6	AC380/400/415	NXB-63 3P C63 6kA	814176
	C	4P	1	6	AC380/400/415	NXB-63 4P C1 6kA	814242
	C	4P	2	6	AC380/400/415	NXB-63 4P C2 6kA	814243
	C	4P	3	6	AC380/400/415	NXB-63 4P C3 6kA	814244
	C	4P	4	6	AC380/400/415	NXB-63 4P C4 6kA	814245
	C	4P	6	6	AC380/400/415	NXB-63 4P C6 6kA	814246
	C	4P	10	6	AC380/400/415	NXB-63 4P C10 6kA	814247
	C	4P	16	6	AC380/400/415	NXB-63 4P C16 6kA	814248
	C	4P	20	6	AC380/400/415	NXB-63 4P C20 6kA	814249
	C	4P	25	6	AC380/400/415	NXB-63 4P C25 6kA	814250
	C	4P	32	6	AC380/400/415	NXB-63 4P C32 6kA	814251
	C	4P	40	6	AC380/400/415	NXB-63 4P C40 6kA	814252
	C	4P	50	6	AC380/400/415	NXB-63 4P C50 6kA	814253
	C	4P	63	6	AC380/400/415	NXB-63 4P C63 6kA	814254

4.0

Final Distribution Components

4.3.6 NXB-125



General Description

NXB-125 Miniature Circuit Breakers are applicable to circuits with frequency of AC 50/60 Hz, rated voltage up to 230/400 V and rated current up to 125 A. They provide overload and short circuit protection, and can also be used for infrequent switching of the circuit under normal circumstances.

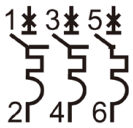
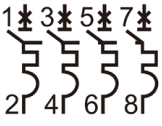
CB CE UK CA Carbon Footprint/REACH

- Rated voltage: AC 230/400 V
- Rated current: 63~125 A
- Temperature: -35℃ ~+70℃
- Breaking capacity: 10 kA

NXB-125		1P	C	63
↓	↓	↓	↓	↓
Frame	**Compliant Standards**	**Poles**	**Curve**	**Current(In)**
NXB-125	Blank: IEC/EN 60947-2	1P 2P 3P 4P	C D	63A 70A 80A 90A 100A 125A

4.0 Final Distribution Components

NXB-125 SKU

Diagram	Curve	Poles	In(A)	Icu(kA)	Ue(V)	SKU	Code
	C	1P	63	10	AC230	NXB-125 1P C63	816121
	C	1P	70	10	AC230	NXB-125 1P C70	390485
	C	1P	80	10	AC230	NXB-125 1P C80	816123
	C	1P	90	10	AC230	NXB-125 1P C90	390487
	C	1P	100	10	AC230	NXB-125 1P C100	816125
	C	1P	125	10	AC230	NXB-125 1P C125	816127
	C	2P	63	10	AC400	NXB-125 2P C63	816129
	C	2P	70	10	AC400	NXB-125 2P C70	390489
	C	2P	80	10	AC400	NXB-125 2P C80	816131
	C	2P	90	10	AC400	NXB-125 2P C90	390491
	C	2P	100	10	AC400	NXB-125 2P C100	816133
	C	2P	125	10	AC400	NXB-125 2P C125	816135
	C	3P	63	10	AC400	NXB-125 3P C63	816137
	C	3P	70	10	AC400	NXB-125 3P C70	390493
	C	3P	80	10	AC400	NXB-125 3P C80	816139
	C	3P	90	10	AC400	NXB-125 3P C90	390495
	C	3P	100	10	AC400	NXB-125 3P C100	816141
	C	3P	125	10	AC400	NXB-125 3P C125	816143
	C	4P	63	10	AC400	NXB-125 4P C63	816145
	C	4P	70	10	AC400	NXB-125 4P C70	390497
	C	4P	80	10	AC400	NXB-125 4P C80	816147
	C	4P	90	10	AC400	NXB-125 4P C90	390499
	C	4P	100	10	AC400	NXB-125 4P C100	816149
	C	4P	125	10	AC400	NXB-125 4P C125	816151

4.0

Final Distribution Components

4.4 Residual Current Circuit Breaker with Overload Protection

4.4.1 NB1L



General Description

NB1L is an electromagnetic Residual Current Operated Circuit Breaker with over-current protection. It is commonly used for overload and short-circuit protection of cables and lines in personnel and fire protection.

- Rated voltage: AC 220/230/240V
- Rated current: 2~40A
- Poles: 1P+N
- Breaking capacity: 4.5kA, 6kA, 10kA
- Rated residual operating current: 30mA, 100mA, 300mA

NB1L	1PN	B	16	30mA	A	6kA
Frame	Poles	Curve	Current(In)	Rated Sensitivity (I △ n)	Leakage Type	Breaking Capacity
NB1L	1P+N	B C	2A 4A 6A 10A 13A 16A 20A 25A 32A 40A	30mA 100mA 300mA	A AC	4.5kA 6kA 10kA

4.0 Final Distribution Components

NB1L SKU

Curve	Poles	In(A)	Icu(kA)	Ue(V)	IΔn(mA)	Leakage type	SKU	Code	N Position
C	1P+N	10	4.5	AC220/230/240	30	A	NB1L 1PN C10A 30mA A 4.5kA	203333	Right
C	1P+N	16	4.5	AC220/230/240	30	A	NB1L 1PN C16A 30mA A 4.5kA	203335	Right
C	1P+N	25	4.5	AC220/230/240	30	A	NB1L 1PN C25A 30mA A 4.5kA	203337	Right
B	1P+N	6	6	AC220/230/240	30	A	NB1L 1PN B6A 30mA A 6kA	203236	Right
B	1P+N	10	6	AC220/230/240	30	A	NB1L 1PN B10A 30mA A 6kA	203237	Right
B	1P+N	16	6	AC220/230/240	30	A	NB1L 1PN B16A 30mA A 6kA	203239	Right
B	1P+N	16	6	AC220/230/240	300	A	NB1L 1PN B16A 300mA A 6kA	203271	Right
B	1P+N	20	6	AC220/230/240	30	A	NB1L 1PN B20A 30mA A 6kA	203240	Right
B	1P+N	25	6	AC220/230/240	30	A	NB1L 1PN B25A 30mA A 6kA	203241	Right
B	1P+N	25	6	AC220/230/240	300	A	NB1L 1PN B25A 300mA A 6kA	203273	Right
B	1P+N	32	6	AC220/230/240	30	A	NB1L 1PN B32A 30mA A 6kA	203242	Right
B	1P+N	40	6	AC220/230/240	30	A	NB1L 1PN B40A 30mA A 6kA	203243	Right
C	1P+N	6	6	AC220/230/240	30	A	NB1L 1PN C6A 30mA A 6kA	203244	Right
C	1P+N	10	6	AC220/230/240	30	A	NB1L 1PN C10A 30mA A 6kA	203245	Right
C	1P+N	13	6	AC220/230/240	30	A	NB1L 1PN C13A 30mA A 6kA	203246	Right
C	1P+N	16	6	AC220/230/240	30	A	NB1L 1PN C16A 30mA A 6kA	203247	Right
C	1P+N	20	6	AC220/230/240	30	A	NB1L 1PN C20A 30mA A 6kA	203248	Right
C	1P+N	25	6	AC220/230/240	30	A	NB1L 1PN C25A 30mA A 6kA	203249	Right
C	1P+N	25	6	AC220/230/240	300	A	NB1L 1PN C25A 300mA A 6kA	203281	Right
C	1P+N	32	6	AC220/230/240	30	A	NB1L 1PN C32A 30mA A 6kA	203250	Right
C	1P+N	32	6	AC220/230/240	300	A	NB1L 1PN C32A 300mA A 6kA	203282	Right
C	1P+N	40	6	AC220/230/240	30	A	NB1L 1PN C40A 30mA A 6kA	203251	Right
C	1P+N	10	6	AC220/230/240	30	AC	NB1L 1PN C10A 30mA AC 6kA	203293	Right
C	1P+N	16	6	AC220/230/240	30	AC	NB1L 1PN C16A 30mA AC 6kA	203295	Right
C	1P+N	20	6	AC220/230/240	30	AC	NB1L 1PN C20A 30mA AC 6kA	203296	Right

4.0 Final Distribution Components

NB1L SKU

Curve	Poles	In(A)	Icu(kA)	Ue(V)	IΔn(mA)	Leakage Type	SKU	Code	N Position
C	1P+N	25	6	AC220/230/240	30	AC	NB1L 1PN C25A 30mA AC 6kA	203297	Right
C	1P+N	32	6	AC220/230/240	30	AC	NB1L 1PN C32A 30mA AC 6kA	203298	Right
C	1P+N	40	6	AC220/230/240	30	AC	NB1L 1PN C40A 30mA AC 6kA	203299	Right
B	1P+N	10	10	AC220/230/240	30	A	NB1L 1PN B10 30mA A 10kA	203049	Right
B	1P+N	16	10	AC220/230/240	30	A	NB1L 1PN B16 30mA A 10kA	203051	Right
B	1P+N	20	10	AC220/230/240	30	A	NB1L 1PN B20 30mA A 10kA	203052	Right
B	1P+N	25	10	AC220/230/240	30	A	NB1L 1PN B25 30mA A 10kA	203053	Right
B	1P+N	32	10	AC220/230/240	30	A	NB1L 1PN B32 30mA A 10kA	203054	Right
B	1P+N	40	10	AC220/230/240	30	A	NB1L 1PN B40 30mA A 10kA	203055	Right
C	1P+N	16	10	AC220/230/240	30	A	NB1L 1PN C16 30mA A 10kA	203059	Right
C	1P+N	20	10	AC220/230/240	30	A	NB1L 1PN C20 30mA A 10kA	203060	Right
C	1P+N	25	10	AC220/230/240	30	A	NB1L 1PN C25 30mA A 10kA	203061	Right
C	1P+N	32	10	AC220/230/240	30	A	NB1L 1PN C32 30mA A 10kA	203062	Right
C	1P+N	40	10	AC220/230/240	30	A	NB1L 1PN C40 30mA A 10kA	203063	Right
B	1P+N	16	10	AC220/230/240	30	AC	NB1L 1PN B16 30mA AC 10kA	203099	Right
B	1P+N	25	10	AC220/230/240	30	AC	NB1L 1PN B25 30mA AC 10kA	203101	Right
C	1P+N	10	10	AC220/230/240	30	AC	NB1L 1PN C10 30mA AC 10kA	203105	Right
C	1P+N	16	10	AC220/230/240	30	AC	NB1L 1PN C16 30mA AC 10kA	203107	Right
C	1P+N	20	10	AC220/230/240	30	AC	NB1L 1PN C20 30mA AC 10kA	203108	Right
C	1P+N	25	10	AC220/230/240	30	AC	NB1L 1PN C25 30mA AC 10kA	203109	Right
C	1P+N	32	10	AC220/230/240	30	AC	NB1L 1PN C32 30mA AC 10kA	203110	Right
C	1P+N	40	10	AC220/230/240	30	AC	NB1L 1PN C40 30mA AC 10kA	203111	Right

4.0 Final Distribution Components

4.4.2 NXBLE-63



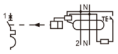
General Description

NXBLE-63 is an electronic Residual Current Operated Circuit Breaker with over-current protection. It is commonly used for overload and short-circuit protection of cables and lines in personnel and fire protection.

- Rated voltage: AC 230/400V
- Rated current: 6~63A
- Poles: 1P+N, 2P, 3P, 3P+N, 4P
- Breaking capacity: 6kA
- Rated residual operating current: 0.03A, 0.05A, 0.075A, 0.1A, 0.3A

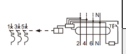
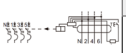
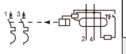
NXBLE-63		1P+N	B	6	30mA	6kA
Frame	Breaking Capacity Code	Poles	Curve	Current(In)	Rated Sensitivity (I △ n)	Breaking Capacity
NXBLE-63	Blank: 6kA H: 10kA	1P+N 2P 3P 3P+N 4P	B C D	6A 10A 16A 20A 25A 32A 40A 50A 63A	30mA 50mA 75mA 100mA	6kA 10kA

NXBLE-63 SKU

Diagram	Curve	Poles	In(A)	Icu(kA)	Ue(V)	IΔn(mA)	Leakage type	Description	Code
	C	1P+N	6	6	AC230	30	A	NXBLE-63 1P+N C6 30mA Type A 6kA	323662
	C	1P+N	10	6	AC230	30	A	NXBLE-63 1P+N C10 30mA Type A 6kA	323663
	C	1P+N	16	6	AC230	30	A	NXBLE-63 1P+N C16 30mA Type A 6kA	323664
	C	1P+N	20	6	AC230	30	A	NXBLE-63 1P+N C20 30mA Type A 6kA	323666
	C	1P+N	25	6	AC230	30	A	NXBLE-63 1P+N C25 30mA Type A 6kA	323665
	C	1P+N	32	6	AC230	30	A	NXBLE-63 1P+N C32 30mA Type A 6kA	323667
	C	1P+N	40	6	AC230	30	A	NXBLE-63 1P+N C40 30mA Type A 6kA	323668
	C	1P+N	50	6	AC230	30	A	NXBLE-63 1P+N C50 30mA Type A 6kA	323669
	C	1P+N	63	6	AC230	30	A	NXBLE-63 1P+N C63 30mA Type A 6kA	323670
	C	2P	6	6	AC230	30	A	NXBLE-63 2P C6 30mA Type A 6kA	323689
	C	2P	10	6	AC230	30	A	NXBLE-63 2P C10 30mA Type A 6kA	323690
	C	2P	16	6	AC230	30	A	NXBLE-63 2P C16 30mA Type A 6kA	323692
	C	2P	20	6	AC230	30	A	NXBLE-63 2P C20 30mA Type A 6kA	323691
	C	2P	25	6	AC230	30	A	NXBLE-63 2P C25 30mA Type A 6kA	323693

4.0 Final Distribution Components

NXBLE-63 SKU

Diagram	Curve	Poles	In(A)	Icu(kA)	Ue(V)	IΔn(mA)	Leakage Type	SKU	Code
	C	2P	32	6	AC230	30	A	NXBLE-63 2P C32 30mA Type A 6kA	323694
	C	2P	40	6	AC230	30	A	NXBLE-63 2P C40 30mA Type A 6kA	323695
	C	2P	50	6	AC230	30	A	NXBLE-63 2P C50 30mA Type A 6kA	323696
	C	2P	63	6	AC230	30	A	NXBLE-63 2P C63 30mA Type A 6kA	323697
	C	3P	6	6	AC400	30	A	NXBLE-63 3P C6 30mA Type A 6kA	323717
	C	3P	10	6	AC400	30	A	NXBLE-63 3P C10 30mA Type A 6kA	323716
	C	3P	16	6	AC400	30	A	NXBLE-63 3P C16 30mA Type A 6kA	323718
	C	3P	20	6	AC400	30	A	NXBLE-63 3P C20 30mA Type A 6kA	323719
	C	3P	25	6	AC400	30	A	NXBLE-63 3P C25 30mA Type A 6kA	323720
	C	3P	32	6	AC400	30	A	NXBLE-63 3P C32 30mA Type A 6kA	323721
	C	3P	40	6	AC400	30	A	NXBLE-63 3P C40 30mA Type A 6kA	323722
	C	3P	50	6	AC400	30	A	NXBLE-63 3P C50 30mA Type A 6kA	323723
	C	3P	63	6	AC400	30	A	NXBLE-63 3P C63 30mA Type A 6kA	323724
	C	3P+N	6	6	AC400	30	A	NXBLE-63 3P+N C6 30mA Type A 6kA	323743
	C	3P+N	10	6	AC400	30	A	NXBLE-63 3P+N C10 30mA Type A 6kA	323744
	C	3P+N	16	6	AC400	30	A	NXBLE-63 3P+N C16 30mA Type A 6kA	323745
	C	3P+N	20	6	AC400	30	A	NXBLE-63 3P+N C20 30mA Type A 6kA	323746
	C	3P+N	25	6	AC400	30	A	NXBLE-63 3P+N C25 30mA Type A 6kA	323747
	C	3P+N	32	6	AC400	30	A	NXBLE-63 3P+N C32 30mA Type A 6kA	323748
	C	3P+N	40	6	AC400	30	A	NXBLE-63 3P+N C40 30mA Type A 6kA	323750
	C	3P+N	50	6	AC400	30	A	NXBLE-63 3P+N C50 30mA Type A 6kA	323749
	C	3P+N	63	6	AC400	30	A	NXBLE-63 3P+N C63 30mA Type A 6kA	323751
	C	4P	6	6	AC400	30	A	NXBLE-63 4P C6 30mA Type A 6kA	323770
	C	4P	10	6	AC400	30	A	NXBLE-63 4P C10 30mA Type A 6kA	323771
	C	4P	16	6	AC400	30	A	NXBLE-63 4P C16 30mA Type A 6kA	323772
	C	4P	20	6	AC400	30	A	NXBLE-63 4P C20 30mA Type A 6kA	323773
	C	4P	25	6	AC400	30	A	NXBLE-63 4P C25 30mA Type A 6kA	323775
	C	4P	32	6	AC400	30	A	NXBLE-63 4P C32 30mA Type A 6kA	323774
	C	4P	40	6	AC400	30	A	NXBLE-63 4P C40 30mA Type A 6kA	323776
	C	4P	50	6	AC400	30	A	NXBLE-63 4P C50 30mA Type A 6kA	323777
	C	4P	63	6	AC400	30	A	NXBLE-63 4P C63 30mA Type A 6kA	323778
	C	2P	6	10	AC230	30	AC	NXBLE-63H 2P C6 30mA 10kA	982020
	C	2P	10	10	AC230	30	AC	NXBLE-63H 2P C10 30mA 10kA	982021
	C	2P	16	10	AC230	30	AC	NXBLE-63H 2P C16 30mA 10kA	982022
	C	2P	20	10	AC230	30	AC	NXBLE-63H 2P C20 30mA 10kA	982023
	C	2P	25	10	AC230	30	AC	NXBLE-63H 2P C25 30mA 10kA	982024
	C	2P	32	10	AC230	30	AC	NXBLE-63H 2P C32 30mA 10kA	982025
	C	2P	40	10	AC230	30	AC	NXBLE-63H 2P C40 30mA 10kA	982026
	C	2P	50	10	AC230	30	AC	NXBLE-63H 2P C50 30mA 10kA	982027
	C	2P	63	10	AC230	30	AC	NXBLE-63H 2P C63 30mA 10kA	982028

4.0 Final Distribution Components

4.5 Residual Current Circuit Breaker

4.5.1 NL1-63



General Description

NL1-63 Residual Current Operated Circuit Breaker is suitable for AC 50/60Hz. When the person is shocked or the grid leakage current exceeds the specified value, the residual current action circuit breaker can quickly cut off the fault power supply in a very short time to protect the safety of people and electrical equipment. It can also be used as a starter of the line from frequent conversion. The products are suitable for industrial, commercial, high-rise and residential and other places.

REACH

- Rated voltage: AC 230/400V~240/415V
- Rated current: 16~63A
- Poles: 2P, 4P
- Wave form of the earth leakage sensed: A, AC
- Rated sensitivity: 30mA, 100mA, 300mA
- Rated limiting short-circuit current: 6kA, 10kA

NL1-63	2P	16A	30mA	A	6kA
↓	↓	↓	↓	↓	↓
Frame	**Poles**	**Current(In)**	**Rated Sensitivity (I △ n)**	**Leakage Type**	**Breaking Capacity**
NL1-63	2P 4P	16A 25A 32A 40A 63A	10mA 30mA 100mA 300mA 500mA	A A-G A-S A-SI AC AC-G AC-S F	6kA 10kA

4.0 Final Distribution Components

NL1-63 SKU

Poles	In(A)	Icu(kA)	Ue(V)	IΔn(mA)	Leakage Type	SKU	Code
2P	25	6	AC230/240V	30	A	NL1-63 2P 25A 30mA A 6kA DBAX	527234
2P	40	6	AC230/240V	30	A	NL1-63 2P 40A 30mA A 6kA DBAX	527236
2P	63	6	AC230/240V	30	A	NL1-63 2P 63A 30mA A 6kA DBAX	527237
4P	25	6	AC400/415V	30	A	NL1-63 4P 25A 30mA A 6kA DBAX	527339
4P	40	6	AC400/415V	30	A	NL1-63 4P 40A 30mA A 6kA DBAX	527341
4P	63	6	AC400/415V	30	A	NL1-63 4P 63A 30mA A 6kA DBAX	527342
2P	25	6	AC230/240V	30	A-G	NL1-63 2P 25A 30mA A-G 6kA DBAX	527269
2P	40	6	AC230/240V	30	A-G	NL1-63 2P 40A 30mA A-G 6kA DBAX	527271
2P	63	6	AC230/240V	30	A-G	NL1-63 2P 63A 30mA A-G 6kA DBAX	527272
4P	25	6	AC400/415V	30	A-G	NL1-63 4P 25A 30mA A-G 6kA DBAX	527374
4P	40	6	AC400/415V	30	A-G	NL1-63 4P 40A 30mA A-G 6kA DBAX	527376
4P	63	6	AC400/415V	30	A-G	NL1-63 4P 63A 30mA A-G 6kA DBAX	527377
4P	40	6	AC400/415V	100	A-S	NL1-63 4P 40A 100mA A-S 6kA DBAX	527424
4P	63	6	AC400/415V	100	A-S	NL1-63 4P 63A 100mA A-S 6kA DBAX	527425
2P	25	6	AC230/240V	100	AC	NL1-63 2P 25A 100mA AC 6kA DBAX	527239
2P	25	6	AC230/240V	30	AC	NL1-63 2P 25A 30mA AC 6kA DBAX	527229
2P	32	6	AC230/240V	100	AC	NL1-63 2P 32A 100mA AC 6kA DBAX	527240
2P	32	6	AC230/240V	30	AC	NL1-63 2P 32A 30mA AC 6kA DBAX	527230
2P	40	6	AC230/240V	100	AC	NL1-63 2P 40A 100mA AC 6kA DBAX	527241
2P	40	6	AC230/240V	30	AC	NL1-63 2P 40A 30mA AC 6kA DBAX	527231
2P	63	6	AC230/240V	100	AC	NL1-63 2P 63A 100mA AC 6kA DBAX	527242
2P	63	6	AC230/240V	30	AC	NL1-63 2P 63A 30mA AC 6kA DBAX	527232
4P	25	6	AC400/415V	100	AC	NL1-63 4P 25A 100mA AC 6kA DBAX	527344
4P	25	6	AC400/415V	30	AC	NL1-63 4P 25A 30mA AC 6kA DBAX	527334
4P	32	6	AC400/415V	100	AC	NL1-63 4P 32A 100mA AC 6kA DBAX	527345
4P	32	6	AC400/415V	30	AC	NL1-63 4P 32A 30mA AC 6kA DBAX	527335
4P	40	6	AC400/415V	100	AC	NL1-63 4P 40A 100mA AC 6kA DBAX	527346
4P	40	6	AC400/415V	30	AC	NL1-63 4P 40A 30mA AC 6kA DBAX	527336
4P	63	6	AC400/415V	100	AC	NL1-63 4P 63A 100mA AC 6kA DBAX	527347
4P	63	6	AC400/415V	30	AC	NL1-63 4P 63A 30mA AC 6kA DBAX	527337
2P	25	10	AC230/240V	30	A	NL1-63 2P 25A 30mA A 10kA DBAX	527450
2P	40	10	AC230/240V	30	A	NL1-63 2P 40A 30mA A 10kA DBAX	527452
2P	63	10	AC230/240V	30	A	NL1-63 2P 63A 30mA A 10kA DBAX	527453
4P	25	10	AC400/415V	30	A	NL1-63 4P 25A 30mA A 10kA DBAX	527555
4P	40	10	AC400/415V	30	A	NL1-63 4P 40A 30mA A 10kA DBAX	527557
4P	63	10	AC400/415V	30	A	NL1-63 4P 63A 30mA A 10kA DBAX	527558
4P	40	10	AC400/415V	100	A-S	NL1-63 4P 40A 100mA A-S 10kA DBAX	527640
4P	63	10	AC400/415V	100	A-S	NL1-63 4P 63A 100mA A-S 10kA DBAX	527641
2P	25	10	AC230/240V	30	AC	NL1-63 2P 25A 30mA AC 10kA DBAX	527445
4P	25	10	AC400/415V	30	AC	NL1-63 4P 25A 30mA AC 10kA DBAX	527550

4.0 Final Distribution Components

4.5.2 NL1-100



General Description

NL1-100 Residual Current Operated Circuit Breaker is suitable for AC 50/60Hz. It offers various pole numbers and rated current configurations to meet the demands of different application scenarios. Some models have a rated short-circuit breaking capacity of up to 10kA. It can quickly cut off the power supply when the leakage current exceeds the set value, ensuring the safety of personnel and equipment.

REACH

- Rated voltage: AC 230/400V~240/415V
- Rated current: 63A, 80A, 100A
- Poles: 2P, 4P
- Wave curve: A, AC
- Rated sensitivity: 30mA, 100mA, 300mA

NL1-100	2P	63A	30mA	A	6kA
Frame	Poles	Currrent(In)	Rated Sensitivity (IΔn)	Leakage Type	Breaking Capacity
NL1-100	2P 4P	63A 80A 100A	30mA 100mA 300mA	A A-S AC AC-S	6kA 10kA

4.0

Final Distribution Components

NL1-100 SKU

Poles	In(A)	Icu(kA)	Ue(V)	IΔn(mA)	Leakage Type	SKU	Code
2P	80	6	AC230/240V	300	A	NL1-100 2P 80A 300mA A 6kA DB AX	397608
2P	80	6	AC230/240V	30	A	NL1-100 2P 80A 30mA A 6kA DB AX	397604
4P	80	6	AC400/415V	300	A	NL1-100 4P 80A 300mA A 6kA DB AX	397614
4P	80	6	AC400/415V	30	A	NL1-100 4P 80A 30mA A 6kA DB AX	397610
2P	100	6	AC230/240V	300	A	NL1-100 2P 100A 300mA A 6kA DB AX	397609
2P	100	6	AC230/240V	30	A	NL1-100 2P 100A 30mA A 6kA DB AX	397605
4P	100	6	AC400/415V	300	A	NL1-100 4P 100A 300mA A 6kA DB AX	397615
4P	100	6	AC400/415V	30	A	NL1-100 4P 100A 30mA A 6kA DB AX	397611
2P	80	6	AC230/240V	100	AC	NL1-100 2P 80A 100mA AC 6kA DB AX	397620
2P	80	6	AC230/240V	100	AC	NL1-100 2P 80A 100mA AC 6kA	200279
2P	80	6	AC230/240V	300	AC	NL1-100 2P 80A 300mA AC 6kA DB AX	397622
2P	80	6	AC230/240V	300	AC	NL1-100 2P 80A 300mA AC 6kA	200281
2P	80	6	AC230/240V	30	AC	NL1-100 2P 80A 30mA AC 6kA DB AX	397618
2P	80	6	AC230/240V	30	AC	NL1-100 2P 80A 30mA AC 6kA	200277
4P	80	6	AC400/415V	100	AC	NL1-100 4P 80A 100mA AC 6kA DB AX	397624
4P	80	6	AC400/415V	100	AC	NL1-100 4P 80A 100mA AC 6kA	200759
4P	80	6	AC400/415V	300	AC	NL1-100 4P 80A 300mA AC 6kA AX	216706
4P	80	6	AC400/415V	300	AC	NL1-100 4P 80A 300mA AC 6kA DB AX	397626
4P	80	6	AC400/415V	300	AC	NL1-100 4P 80A 300mA AC 6kA	200760
4P	80	6	AC400/415V	30	AC	NL1-100 4P 80A 30mA AC 6kA DB AX	397616
2P	100	6	AC230/240V	100	AC	NL1-100 2P 100A 100mA AC 6kA DB AX	397621
2P	100	6	AC230/240V	100	AC	NL1-100 2P 100A 100mA AC 6kA	200280
2P	100	6	AC230/240V	300	AC	NL1-100 2P 100A 300mA AC 6kA DB AX	397623
2P	100	6	AC230/240V	300	AC	NL1-100 2P 100A 300mA AC 6kA	200282
2P	100	6	AC230/240V	30	AC	NL1-100 2P 100A 30mA AC 6kA DB AX	397619
2P	100	6	AC230/240V	30	AC	NL1-100 2P 100A 30mA AC 6kA	200278
4P	100	6	AC400/415V	100	AC	NL1-100 4P 100A 100mA AC 6kA DB AX	397625
4P	100	6	AC400/415V	100	AC	NL1-100 4P 100A 100mA AC 6kA	200757
4P	100	6	AC400/415V	300	AC	NL1-100 4P 100A 300mA AC 6kA DB AX	397627
4P	100	6	AC400/415V	300	AC	NL1-100 4P 100A 300mA AC 6kA	200758
4P	100	6	AC400/415V	30	AC	NL1-100 4P 100A 30mA AC 6kA DB AX	397617

4.0 Final Distribution Components

NL1-100 SKU

Poles	In(A)	Icu(kA)	Ue(V)	IΔn(mA)	Leakage Type	SKU	Code
4P	100	10	AC400/415V	30	A	NL1-100 4P 100A 30mA A 10kA DB AX	440768
2P	63	10	AC230/240V	300	A-S	NL1-100 2P 63A 300mA A-S 10kA	200450
4P	63	10	AC400/415V	300	A-S	NL1-100 4P 63A 300mA A-S 10kA	200447
2P	80	10	AC230/240V	300	A-S	NL1-100 2P 80A 300mA A-S 10kA	200451
4P	80	10	AC400/415V	300	A-S	NL1-100 4P 80A 300mA A-S 10kA	200448
2P	100	10	AC230/240V	300	A-S	NL1-100 2P 100A 300mA A-S 10kA	200452
4P	100	10	AC400/415V	300	A-S	NL1-100 4P 100A 300mA A-S 10kA	200449
2P	63	10	AC230/240V	100	AC-S	NL1-100 2P 63A 100mA AC-S 10kA	200420
2P	63	10	AC230/240V	300	AC-S	NL1-100 2P 63A 300mA AC-S 10kA	200426
4P	63	10	AC400/415V	100	AC-S	NL1-100 4P 63A 100mA AC-S 10kA	200429
4P	63	10	AC400/415V	300	AC-S	NL1-100 4P 63A 300mA AC-S 10kA	200423
2P	80	10	AC230/240V	100	AC-S	NL1-100 2P 80A 100mA AC-S 10kA	200421
2P	80	10	AC230/240V	300	AC-S	NL1-100 2P 80A 300mA AC-S 10kA	200427
4P	80	10	AC400/415V	100	AC-S	NL1-100 4P 80A 100mA AC-S 10kA	200430
4P	80	10	AC400/415V	300	AC-S	NL1-100 4P 80A 300mA AC-S 10kA	200424
2P	100	10	AC230/240V	100	AC-S	NL1-100 2P 100A 100mA AC-S 10kA	200422
2P	100	10	AC230/240V	300	AC-S	NL1-100 2P 100A 300mA AC-S 10kA	200428
4P	100	10	AC400/415V	100	AC-S	NL1-100 4P 100A 100mA AC-S 10kA	200431
4P	100	10	AC400/415V	300	AC-S	NL1-100 4P 100A 300mA AC-S 10kA	200425

4.0 Final Distribution Components

4.5.3 NXL-63



General Description

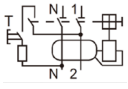
NXL-63 Residual Current Operated Circuit Breaker is suitable for AC 50/60Hz. When the person is shocked or the grid leakage current exceeds the specified value, the residual current action circuit breaker can quickly cut off the fault power supply in a very short time to protect the safety of people and electrical equipment. It can also be used as a starter of the line from frequent conversion. The products are suitable for industrial, commercial, high-rise and residential and other places.

CB CE

- Rated voltage: AC 240/415V
- Rated current: 16~63A
- Poles: 2P, 4P
- Wave form of the earth leakage sensed: A, AC
- Rated sensitivity: 0.01mA (Only for 2P 16A, 25A) ,0.03mA, 0.3mA
- Rated limiting short-circuit current: 6kA, 10kA

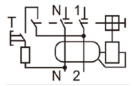
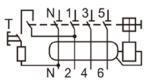
NXL-63	2P	16A	30mA	A	6kA		AX
Frame	Poles	Currrent(In)	Rated Sensitivity (IΔn)	Leakage Type	Breaking Capacity	Busbar	Accessory Adaptation
NXL-63	2P 4P	16A 25A 32A 40A 63A	10mA 30mA 100mA 300mA 500mA	A A-G A-SI AC	6kA 10kA	Blank: Single Busbar	AX: can be equipped with AX-5 auxiliary contacts

NXL-63 SKU

Diagram	Poles	In(A)	Icu(kA)	Ue(V)	IΔn(mA)	Leakage Type	SKU	Code
	2P	16	6	AC230/240	30	A	NXL-63 2P 16A 30mA A 6kA AX	399942
	2P	25	6	AC230/240	30	A	NXL-63 2P 25A 30mA A 6kA AX	399943
	2P	32	6	AC230/240	30	A	NXL-63 2P 32A 30mA A 6kA AX	399944
	2P	40	6	AC230/240	30	A	NXL-63 2P 40A 30mA A 6kA AX	399945
	2P	63	6	AC230/240	30	A	NXL-63 2P 63A 30mA A 6kA AX	399946
	2P	16	6	AC230/240	30	A-G	NXL-63 2P 16A 30mA A-G 6kA AX	399947
	2P	25	6	AC230/240	30	A-G	NXL-63 2P 25A 30mA A-G 6kA AX	399948
	2P	32	6	AC230/240	30	A-G	NXL-63 2P 32A 30mA A-G 6kA AX	399949
	2P	40	6	AC230/240	30	A-G	NXL-63 2P 40A 30mA A-G 6kA AX	399950
	2P	63	6	AC230/240	30	A-G	NXL-63 2P 63A 30mA A-G 6kA AX	399951
	2P	16	6	AC230/240	30	AC	NXL-63 2P 16A 30mA AC 6kA AX	399937
	2P	25	6	AC230/240	30	AC	NXL-63 2P 25A 30mA AC 6kA AX	399938
	2P	32	6	AC230/240	30	AC	NXL-63 2P 32A 30mA AC 6kA AX	399939
	2P	40	6	AC230/240	30	AC	NXL-63 2P 40A 30mA AC 6kA AX	399940
	2P	63	6	AC230/240	30	AC	NXL-63 2P 63A 30mA AC 6kA AX	399941

4.0 Final Distribution Components

NXL-63 SKU

Diagram	Poles	In(A)	Icu(kA)	Ue(V)	IΔn(mA)	Leakage Type	SKU	Code
	2P	16	10	AC230/240	30	A	NXL-63 2P 16A 30mA A 10kA AX	400134
	2P	25	10	AC230/240	30	A	NXL-63 2P 25A 30mA A 10kA AX	400135
	2P	32	10	AC230/240	30	A	NXL-63 2P 32A 30mA A 10kA AX	400136
	2P	40	10	AC230/240	30	A	NXL-63 2P 40A 30mA A 10kA AX	400137
	2P	63	10	AC230/240	30	A	NXL-63 2P 63A 30mA A 10kA AX	400138
	2P	16	10	AC230/240	30	A-G	NXL-63 2P 16A 30mA A-G 10kA AX	400139
	2P	25	10	AC230/240	30	A-G	NXL-63 2P 25A 30mA A-G 10kA AX	400140
	2P	32	10	AC230/240	30	A-G	NXL-63 2P 32A 30mA A-G 10kA AX	400141
	2P	40	10	AC230/240	30	A-G	NXL-63 2P 40A 30mA A-G 10kA AX	400142
	2P	63	10	AC230/240	30	A-G	NXL-63 2P 63A 30mA A-G 10kA AX	400143
	2P	16	10	AC230/240	30	AC	NXL-63 2P 16A 30mA AC 10kA AX	400129
	2P	25	10	AC230/240	30	AC	NXL-63 2P 25A 30mA AC 10kA AX	400130
	2P	32	10	AC230/240	30	AC	NXL-63 2P 32A 30mA AC 10kA AX	400131
	2P	40	10	AC230/240	30	AC	NXL-63 2P 40A 30mA AC 10kA AX	400132
	2P	63	10	AC230/240	30	AC	NXL-63 2P 63A 30mA AC 10kA AX	400133
	4P	16	6	AC400/415	30	A	NXL-63 4P 16A 30mA A 6kA AX	400240
	4P	25	6	AC400/415	30	A	NXL-63 4P 25A 30mA A 6kA AX	400241
	4P	32	6	AC400/415	30	A	NXL-63 4P 32A 30mA A 6kA AX	400242
	4P	40	6	AC400/415	30	A	NXL-63 4P 40A 30mA A 6kA AX	400243
	4P	63	6	AC400/415	30	A	NXL-63 4P 63A 30mA A 6kA AX	400244
	4P	16	6	AC400/415	30	A-G	NXL-63 4P 16A 30mA A-G 6kA AX	400245
	4P	25	6	AC400/415	30	A-G	NXL-63 4P 25A 30mA A-G 6kA AX	400246
	4P	32	6	AC400/415	30	A-G	NXL-63 4P 32A 30mA A-G 6kA AX	400247
	4P	40	6	AC400/415	30	A-G	NXL-63 4P 40A 30mA A-G 6kA AX	400248
	4P	63	6	AC400/415	30	A-G	NXL-63 4P 63A 30mA A-G 6kA AX	400249
	4P	16	6	AC400/415	30	AC	NXL-63 4P 16A 30mA AC 6kA AX	400235
	4P	25	6	AC400/415	30	AC	NXL-63 4P 25A 30mA AC 6kA AX	400236
	4P	32	6	AC400/415	30	AC	NXL-63 4P 32A 30mA AC 6kA AX	400237
	4P	40	6	AC400/415	30	AC	NXL-63 4P 40A 30mA AC 6kA AX	400238
	4P	63	6	AC400/415	30	AC	NXL-63 4P 63A 30mA AC 6kA AX	400239
	4P	16	10	AC400/415	30	A	NXL-63 4P 16A 30mA A 10kA AX	400290
	4P	25	10	AC400/415	30	A	NXL-63 4P 25A 30mA A 10kA AX	400291
	4P	32	10	AC400/415	30	A	NXL-63 4P 32A 30mA A 10kA AX	400292
	4P	40	10	AC400/415	30	A	NXL-63 4P 40A 30mA A 10kA AX	400293
	4P	63	10	AC400/415	30	A	NXL-63 4P 63A 30mA A 10kA AX	400294
	4P	16	10	AC400/415	30	A-G	NXL-63 4P 16A 30mA A-G 10kA AX	400295
	4P	25	10	AC400/415	30	A-G	NXL-63 4P 25A 30mA A-G 10kA AX	400296
	4P	32	10	AC400/415	30	A-G	NXL-63 4P 32A 30mA A-G 10kA AX	400297
	4P	40	10	AC400/415	30	A-G	NXL-63 4P 40A 30mA A-G 10kA AX	400298
	4P	63	10	AC400/415	30	A-G	NXL-63 4P 63A 30mA A-G 10kA AX	400299
	2P	16	10	AC230/240	30	AC	NXL-63 2P 16A 30mA AC 10kA AX	400129
	2P	25	10	AC230/240	30	AC	NXL-63 2P 25A 30mA AC 10kA AX	400130
	2P	32	10	AC230/240	30	AC	NXL-63 2P 32A 30mA AC 10kA AX	400131
	2P	40	10	AC230/240	30	AC	NXL-63 2P 40A 30mA AC 10kA AX	400132
	2P	63	10	AC230/240	30	AC	NXL-63 2P 63A 30mA AC 10kA AX	400133
	4P	16	10	AC400/415	30	AC	NXL-63 4P 16A 30mA AC 10kA AX	400285
	4P	25	10	AC400/415	30	AC	NXL-63 4P 25A 30mA AC 10kA AX	400286
	4P	32	10	AC400/415	30	AC	NXL-63 4P 32A 30mA AC 10kA AX	400287
	4P	40	10	AC400/415	30	AC	NXL-63 4P 40A 30mA AC 10kA AX	400288
	4P	63	10	AC400/415	30	AC	NXL-63 4P 63A 30mA AC 10kA AX	400289

4.0

Final Distribution Components

4.6 Arc Fault Detection Device

4.6.1 NB3LE-AFD



General Description

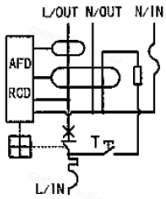
NB3LE-AFD arc fault detection circuit-breaker with residual current operated function applies to circuits with frequency of 50Hz, rated voltage AC230/240V, and rated current up to 32A. It provides overload, short circuit, leakage protection and arc fault detection, and can also be used for infrequent switching of the circuit under normal circumstances.

- Rated voltage: AC230/240
- Rated current: 6~32A
- Poles: 1P+N
- Product width:18mm
- Breaking capacity: 6 kA
- Leakage type: type A
- Rated sensitivity: 0.01, 0.03A

NB3LE-AFD	1P+N	B	6	Type	10mA
Frame	Poles	Curve	Current(In)	Leakage Type	Rated Sensitivity (IΔn)
NB3LE-AFD	1P+N	B C	6A 10A 13A 16A 20A 25A 32A	A	10mA 30mA

4.0 Final Distribution Components

NB3LE-AFD SKU

Diagram	Curve	Poles	In(A)	Icu(kA)	Ue(V)	IΔn(mA)	Leakage Type	SKU	Code
	B	1P+N	6	6	AC230/240	10	A	NB3LE-AFD 1P+N B6 Type A 10mA	335313
	B	1P+N	6	6	AC230/240	30	A	NB3LE-AFD 1P+N B6 Type A 30mA	335320
	B	1P+N	10	6	AC230/240	10	A	NB3LE-AFD 1P+N B10 Type A 10mA	335314
	B	1P+N	10	6	AC230/240	30	A	NB3LE-AFD 1P+N B10 Type A 30mA	335321
	B	1P+N	13	6	AC230/240	10	A	NB3LE-AFD 1P+N B13 Type A 10mA	335315
	B	1P+N	13	6	AC230/240	30	A	NB3LE-AFD 1P+N B13 Type A 30mA	335322
	B	1P+N	16	6	AC230/240	10	A	NB3LE-AFD 1P+N B16 Type A 10mA	335316
	B	1P+N	16	6	AC230/240	30	A	NB3LE-AFD 1P+N B16 Type A 30mA	335323
	B	1P+N	20	6	AC230/240	10	A	NB3LE-AFD 1P+N B20 Type A 10mA	335317
	B	1P+N	20	6	AC230/240	30	A	NB3LE-AFD 1P+N B20 Type A 30mA	335325
	B	1P+N	25	6	AC230/240	10	A	NB3LE-AFD 1P+N B25 Type A 10mA	335318
	B	1P+N	25	6	AC230/240	30	A	NB3LE-AFD 1P+N B25 Type A 30mA	335324
	B	1P+N	32	6	AC230/240	10	A	NB3LE-AFD 1P+N B32 Type A 10mA	335319
	B	1P+N	32	6	AC230/240	30	A	NB3LE-AFD 1P+N B32 Type A 30mA	335326
	C	1P+N	6	6	AC230/240	10	A	NB3LE-AFD 1P+N C6 Type A 10mA	335327
	C	1P+N	6	6	AC230/240	30	A	NB3LE-AFD 1P+N C6 Type A 30mA	335334
	C	1P+N	10	6	AC230/240	10	A	NB3LE-AFD 1P+N C10 Type A 10mA	335328
	C	1P+N	10	6	AC230/240	30	A	NB3LE-AFD 1P+N C10 Type A 30mA	335335
	C	1P+N	13	6	AC230/240	10	A	NB3LE-AFD 1P+N C13 Type A 10mA	335329
	C	1P+N	13	6	AC230/240	30	A	NB3LE-AFD 1P+N C13 Type A 30mA	335336
	C	1P+N	16	6	AC230/240	10	A	NB3LE-AFD 1P+N C16 Type A 10mA	335330
	C	1P+N	16	6	AC230/240	30	A	NB3LE-AFD 1P+N C16 Type A 30mA	335337
	C	1P+N	20	6	AC230/240	10	A	NB3LE-AFD 1P+N C20 Type A 10mA	335331
	C	1P+N	20	6	AC230/240	30	A	NB3LE-AFD 1P+N C20 Type A 30mA	335338
	C	1P+N	25	6	AC230/240	10	A	NB3LE-AFD 1P+N C25 Type A 10mA	335332
	C	1P+N	25	6	AC230/240	30	A	NB3LE-AFD 1P+N C25 Type A 30mA	335339
	C	1P+N	32	6	AC230/240	10	A	NB3LE-AFD 1P+N C32 Type A 10mA	335333
	C	1P+N	32	6	AC230/240	30	A	NB3LE-AFD 1P+N C32 Type A 30mA	335340

4.0

Final Distribution Components

4.7 Surge Protective Device

4.7.1 NU6-IIG



General Description

NU6-IIG Surge Protective Device meets the SPD II-level test requirements. It is designed to suppress transient overvoltages below the equipment's withstand impulse overvoltage level, discharge surge energy, and thereby protect system circuits and equipment.

- Rated voltage: AC 230/400V
- Poles: 1P, 1P+N, 2P, 3P, 3P+N, 4P
- Nominal discharge current In: 20kA, 30kA, 50kA
- Maximum discharge current Imax: 40kA, 65kA, 100kA
- Continuous Operational Voltage Uc: 275V, 320V, 385V, 440V
- Telesignal function: Optional

NU6	IIG	/F	40kA	275V	1P
Product Type	Test Class	Telesignal Function	Imax(8/20μs)	Maximum Continuous Operational Voltage(Uc)	Poles
NU6	II	Blank: Without /F: With	40kA 65kA 100kA	275V 320V 385V 440V	1P 1P+N 2P 3P 3P+N 4P

4.0 Final Distribution Components

NU6-IIG SKU

Test class	Imax(8/20μs)(kA)	Uc(V)	Poles	Telesignal	SKU	Code
II	65	320	2P	N	NU6-IIG 65kA/320V 2P	252528
II	65	320	2P	Y	NU6-IIG/F 65kA/320V 2P	252536
II	65	385	2P	N	NU6-IIG 65kA/385V 2P	252529
II	65	385	2P	Y	NU6-IIG/F 65kA/385V 2P	252537
II	65	440	2P	N	NU6-IIG 65kA/440V 2P	252530
II	65	440	2P	Y	NU6-IIG/F 65kA/440V 2P	252538
II	100	385	2P	N	NU6- II G 100kA/385V 2P	368971
II	100	385	2P	Y	NU6- II G/F 100kA/385V 2P	368979
II	100	440	2P	N	NU6- II G 100kA/440V 2P	368972
II	100	440	2P	Y	NU6- II G/F 100kA/440V 2P	368980
II	65	320	3P	N	NU6-IIG 65kA/320V 3P	252544
II	65	320	3P	Y	NU6-IIG/F 65kA/320V 3P	252552
II	65	385	3P	N	NU6-IIG 65kA/385V 3P	252545
II	65	385	3P	Y	NU6-IIG/F 65kA/385V 3P	252553
II	65	440	3P	N	NU6-IIG 65kA/440V 3P	252546
II	65	440	3P	Y	NU6-IIG/F 65kA/440V 3P	252554
II	100	385	3P	N	NU6- II G 100KA/385V 3P	368973
II	100	385	3P	Y	NU6- II G/F 100kA/385V 3P	368981
II	100	440	3P	N	NU6- II G 100kA/440V 3P	368974
II	100	440	3P	Y	NU6- II G/F 100kA/440V 3P	368982
II	65	275	3P+N	N	NU6-IIG 65kA/275V 3P+N	252559
II	65	275	3P+N	Y	NU6-IIG/F 65kA/275V 3P+N	252567
II	65	320	3P+N	N	NU6-IIG 65kA/320V 3P+N	252560
II	65	320	3P+N	Y	NU6-IIG/F 65kA/320V 3P+N	252568
II	65	385	3P+N	N	NU6-IIG 65kA/385V 3P+N	252561
II	65	385	3P+N	Y	NU6-IIG/F 65kA/385V 3P+N	252569
II	65	440	3P+N	N	NU6-IIG 65kA/440V 3P+N	252562
II	65	440	3P+N	Y	NU6-IIG/F 65kA/440V 3P+N	252570
II	100	385	4P	N	NU6- II G 100kA/385V 4P	368975
II	100	385	4P	Y	NU6- II G/F 100kA/385V 4P	368983
II	100	440	4P	N	NU6- II G 100kA/440V 4P	368976
II	100	440	4P	Y	NU6- II G/F 100kA/440V 4P	368984

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Final Distribution Components

4.7.2 NU6-III



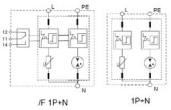
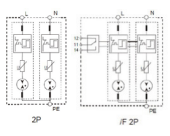
General Description

NU6-III surge protective device conforms to IEC/EN 61643-11 standard. It is applicable to the power distribution and control system with AC 50/60Hz and rated voltage of single phase 230V. It meets the requirements of SPD Level III tests and is used to suppress the transient over-voltage lower than the impulse withstand over-voltage of equipment, discharge the surge energy and protect the system circuit and equipment. Main functional characteristics of surge protective device: It has L-PE, N-PE, L-N protection modes, and is suitable for various power grid systems; with aging and overheating protection, body deterioration indication, plug-in structure, optional remote alarm function.

CE

- Rated voltage: AC 230V
- Uoc (1.2/50μs) : 10kV
- Short circuit current Isc (8/20us): 5kA
- Level of protection Up : 1.5kV
- Telesignal function: Optional

NU6	III	/F	10kV	275V	1P+N
Product Type	Test Class	Telesignal Function	Uoc	Maximum Continuous Operational Voltage(Uc)	Poles
NU6	III	Blank: Without /F: With	10kV	275V 320V 385V	1P+N 2P

Diagram	Test Class	Uoc (1.2/50μs)(kV)	Isc (8/20us) (KA)	Uc(V)	Poles	Telesignal	SKU	Code
	III	10	5	275	1P+N	N	NU6-III 10kV/275V 1PN	213910
	III	10	5	275	1P+N	Y	NU6-III/F 10kV/275V 1PN	213914
	III	10	5	320	2P	N	NU6-III 10kV/320V 2P	213911
	III	10	5	320	2P	Y	NU6-III/F 10kV/320V 2P	213915
	III	10	5	385	2P	N	NU6-III 10kV/385V 2P	213912
	III	10	5	385	2P	Y	NU6-III/F 10kV/385V 2P	213913

4.0 Final Distribution Components

4.7.3 NXU-IIG



General Description

NXU-IIG Surge Protective Device meets the SPD II-level test requirements. It is designed to suppress transient overvoltages below the equipment's withstand impulse overvoltage level, discharge surge energy, and thereby protect system circuits and equipment.

CE

- Rated voltage: AC 230/400 V
- Poles: 1P, 1P+N, 2P, 3P, 3P+N, 4P
- Nominal discharge current In: 20kA, 30kA
- Maximum discharge current Imax: 40kA, 65kA
- Continuous Operational Voltage Uc: 275V, 320V, 385V, 440V
- Telesignal function: Optional

NXU	IIG	/F	40kA	275V	1P
Product Type	Test Class: II	Telesignal Function	Imax(8/20μs)(kA)	Maximum Continuous Operational Voltage(Uc)(V)	Poles
NXU	II	Blank: Without /F: With	40kA 65kA	275V 320V 385V 440V	1P 1P+N 2P 3P 3P+N 4P

4.0 Final Distribution Components

NXU-IIG SKU

Test Class	Imax(8/20μs)(kA)	Uc(V)	Poles	Telesignal Function	Product Width(mm)	SKU	Code
II	40	385	1P	N	18	NXU-IIG 40kA/385V 1P	252397
II	40	385	1P	Y	18	NXU-IIG/F 40kA/385V 1P	252405
II	40	385	1P+N	N	36	NXU-IIG 40kA/385V 1P+N	252413
II	40	385	1P+N	Y	36	NXU-IIG/F 40kA/385V 1P+N	252421
II	40	385	2P	N	36	NXU-IIG 40kA/385V 2P	252429
II	40	385	2P	Y	36	NXU-IIG/F 40kA/385V 2P	252437
II	40	385	3P	N	54	NXU-IIG 40kA/385V 3P	252445
II	40	385	3P	Y	54	NXU-IIG/F 40kA/385V 3P	252453
II	40	385	3P+N	N	72	NXU-IIG 40kA/385V 3P+N	252461
II	40	385	3P+N	Y	72	NXU-IIG/F 40kA/385V 3P+N	252469
II	40	385	4P	N	72	NXU-IIG 40kA/385V 4P	252477
II	40	385	4P	Y	72	NXU-IIG/F 40kA/385V 4P	252485
II	65	385	1P	N	18	NXU-IIG 65kA/385V 1P	252401
II	65	385	1P	Y	18	NXU-IIG/F 65kA/385V 1P	252409
II	65	385	1P+N	N	36	NXU-IIG 65kA/385V 1P+N	252417
II	65	385	1P+N	Y	36	NXU-IIG/F 65kA/385V 1P+N	252425
II	65	385	2P	N	36	NXU-IIG 65kA/385V 2P	252433
II	65	385	2P	Y	36	NXU-IIG/F 65kA/385V 2P	252441
II	65	385	3P	N	54	NXU-IIG 65kA/385V 3P	252449
II	65	385	3P	Y	54	NXU-IIG/F 65kA/385V 3P	252457
II	65	385	3P+N	N	72	NXU-IIG 65kA/385V 3P+N	252465
II	65	385	3P+N	Y	72	NXU-IIG/F 65kA/385V 3P+N	252473
II	65	385	4P	N	72	NXU-IIG 65kA/385V 4P	252481
II	65	385	4P	Y	72	NXU-IIG/F 65kA/385V 4P	252489

4.0 Final Distribution Components

4.7.4 NXU-II



General Description

NXU-II compact Surge Protective Device meets the SPD II-level test requirements. It is designed to suppress transient overvoltages below the equipment's withstand impulse overvoltage level, discharge surge energy, and thereby protect system circuits and equipment.

CE

- Poles: 1P, 1P+N, 2P, 3P, 3P+N, 4P
- Nominal discharge current In: 10kA, 20kA
- Maximum discharge current Imax: 20kA, 40kA
- Continuous Operational Voltage Uc: 255V, 275V, 320V, 385V, 440V
- Telesignal function: Optional
- Product width: 18mm(1P, 1P+N, 2P), 36mm(3P, 3P+N, 4P)

NXU	II	/F	20kA	275V	1P
Product Type	**Test Class**	**Telesignal Function**	**Imax(8/20μs)(kA)**	**Maximum Continuous Operational Voltage(Uc)(V)**	**Poles**
NXU	II	Blank: Without /F: With	20kA 40kA	275V 320V 385V 440V	1P 1P+N 2P 3P 3P+N 4P

4.0 Final Distribution Components

NXU-II SKU

Test Class	Imax(8/20μs)(kA)	Uc(V)	Poles	Telesignal Function	Product Width(mm)	SKU	Code
II	20	385	1P	N	18	NXU-II 20kA/385V 1P	409700
II	20	385	1P	Y	18	NXU-II/F 20kA/385V 1P	409692
II	20	385	1P+N	N	18	NXU-II 20kA/385V 1P+N	409764
II	20	385	1P+N	Y	18	NXU-II/F 20kA/385V 1P+N	409756
II	20	385	2P	N	18	NXU-II 20kA/385V 2P	409716
II	20	385	2P	Y	18	NXU-II/F 20kA/385V 2P	409708
II	20	385	3P	N	36	NXU-II 20kA/385V 3P	409732
II	20	385	3P	Y	36	NXU-II/F 20kA/385V 3P	409724
II	20	385	3P+N	N	36	NXU-II 20kA/385V 3P+N	409780
II	20	385	3P+N	Y	36	NXU-II/F 20kA/385V 3P+N	409772
II	20	385	4P	N	36	NXU-II 20kA/385V 4P	409748
II	20	385	4P	Y	36	NXU-II/F 20kA/385V 4P	409740
II	40	385	1P	N	18	NXU-II 40kA/385V 1P	409704
II	40	385	1P	Y	18	NXU-II/F 40kA/385V 1P	409696
II	40	385	1P+N	N	18	NXU-II 40kA/385V 1P+N	409768
II	40	385	1P+N	Y	18	NXU-II/F 40kA/385V 1P+N	409760
II	40	385	2P	N	18	NXU-II 40kA/385V 2P	409720
II	40	385	2P	Y	18	NXU-II/F 40kA/385V 2P	409712
II	40	385	3P	N	36	NXU-II 40kA/385V 3P	409736
II	40	385	3P	Y	36	NXU-II/F 40kA/385V 3P	409728
II	40	385	3P+N	N	36	NXU-II 40kA/385V 3P+N	409784
II	40	385	3P+N	Y	36	NXU-II/F 40kA/385V 3P+N	409776
II	40	385	4P	N	36	NXU-II 40kA/385V 4P	409752
II	40	385	4P	Y	36	NXU-II/F 40kA/385V 4P	409744

4.0

Final Distribution Components

4.8 Switch Disconnector

4.8.1 NH4



General Description

NH4-125 Switch Disconnector is suitable for AC 50Hz, with a rated current up to 125A and a rated voltage up to 400V, for use in distribution and control circuits. It is primarily used as the main switch in terminal combination electrical equipment and can also be used for infrequent control of various low-power appliances and lighting. It is widely applied in industrial and mining enterprises, high-rise buildings, commercial premises, and residential homes.

REACH

- Rated voltage: AC 240V/415V
- Rated current: 32~125A
- Poles: 1~4P
- Insulation voltage Ui: 500V

NH4-125	1P	32A	DB
↓	↓	↓	↓
Frame	**Poles**	**Rated Current**	**Busbar**
NH4-125	1P 2P 3P 4P	32A 40A 63A 80A 100A 125A	Double Busbar

4.0 Final Distribution Components

NH4 SKU

Poles	Ie(A)	Ue(V)	SKU	Code
1P	32	240	NH4-125 1P 32A DB	398037
1P	40	240	NH4-125 1P 40A DB	398105
1P	63	240	NH4-125 1P 63A DB	398038
1P	80	240	NH4-125 1P 80A DB	398109
1P	100	240	NH4-125 1P 100A DB	398036
1P	125	240	NH4-125 1P 125A DB	398032
2P	32	415	NH4-125 2P 32A DB	398040
2P	40	415	NH4-125 2P 40A DB	398106
2P	63	415	NH4-125 2P 63A DB	398041
2P	80	415	NH4-125 2P 80A DB	398110
2P	100	415	NH4-125 2P 100A DB	398039
2P	125	415	NH4-125 2P 125A DB	398033
3P	32	415	NH4-125 3P 32A DB	398043
3P	40	415	NH4-125 3P 40A DB	398107
3P	63	415	NH4-125 3P 63A DB	398044
3P	80	415	NH4-125 3P 80A DB	398111
3P	100	415	NH4-125 3P 100A DB	398042
3P	125	415	NH4-125 3P 125A DB	398034
4P	32	415	NH4-125 4P 32A DB	398046
4P	40	415	NH4-125 4P 40A DB	398108
4P	63	415	NH4-125 4P 63A DB	398047
4P	80	415	NH4-125 4P 80A DB	398112
4P	100	415	NH4-125 4P 100A DB	398045
4P	125	415	NH4-125 4P 125A DB	398035

4.0 Final Distribution Components

4.8.2 NXHB



General Description

NXHB Switch Disconnector is suitable for AC 50Hz, with a rated current up to 125A and a rated voltage up to 415V, for use in distribution and control circuits. It is primarily used as the main switch in terminal combination electrical equipment and can also be used for infrequent control of various low-power appliances and lighting. It is widely applied in industrial and mining enterprises, high-rise buildings, commercial premises, and residential homes.

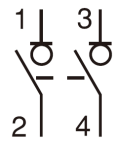
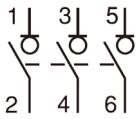
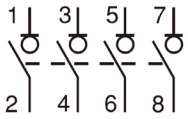
CE

- Rated voltage: 240V~(1P), 415V~(2P, 3P, 4P)
- Rated current: 20A, 32A, 40A, 63A, 80A, 100A, 125A
- Poles: 1P, 2P, 3P, 4P
- Insulation voltage Ui: 500V

NXHB-125	1P	125A
Frame	Poles	Current(In)
NXHB-125	1P 2P 3P 4P	20A 32A 40A 63A 80A 100A 125A

4.0 Final Distribution Components

NXHB SKU

Diagram	Curve	Poles	Ue(V)	SKU	Code
	1P	20	AC240	NXHB-125 1P 20A	193166
	1P	32	AC240	NXHB-125 1P 32A	193167
	1P	40	AC240	NXHB-125 1P 40A	193168
	1P	63	AC240	NXHB-125 1P 63A	193169
	1P	80	AC240	NXHB-125 1P 80A	193170
	1P	100	AC240	NXHB-125 1P 100A	193171
	1P	125	AC240	NXHB-125 1P 125A	193172
	2P	20	AC415	NXHB-125 2P 20A	193173
	2P	32	AC415	NXHB-125 2P 32A	193174
	2P	40	AC415	NXHB-125 2P 40A	193175
	2P	63	AC415	NXHB-125 2P 63A	193176
	2P	80	AC415	NXHB-125 2P 80A	193177
	2P	100	AC415	NXHB-125 2P 100A	193178
	2P	125	AC415	NXHB-125 2P 125A	193179
	3P	20	AC415	NXHB-125 3P 20A	193180
	3P	32	AC415	NXHB-125 3P 32A	193181
	3P	40	AC415	NXHB-125 3P 40A	193182
	3P	63	AC415	NXHB-125 3P 63A	193183
	3P	80	AC415	NXHB-125 3P 80A	193184
	3P	100	AC415	NXHB-125 3P 100A	193185
	3P	125	AC415	NXHB-125 3P 125A	193186
	4P	20	AC415	NXHB-125 4P 20A	193187
	4P	32	AC415	NXHB-125 4P 32A	193188
	4P	40	AC415	NXHB-125 4P 40A	193189
	4P	63	AC415	NXHB-125 4P 63A	193190
	4P	80	AC415	NXHB-125 4P 80A	193191
	4P	100	AC415	NXHB-125 4P 100A	193192
	4P	125	AC415	NXHB-125 4P 125A	193193

4.0

Final Distribution Components

4.9 Accessories

4.9.1 Accessories for NB1 series

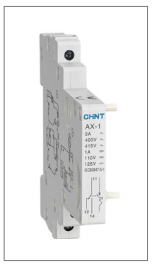

XF9


XF9J


S9


V9


OUVT-1


AX-1G


LMI-12


AX-5

Accessories for NB1, NB1L

Function	Description	Code
Auxiliary contacts	XF9	184994
Alarm auxiliary contacts	XF9J	184996
Shunt release AC/DC12V	S9 AC/DC12V	184963
Shunt release AC/DC24V	S9 AC/DC24V	184985
Shunt release AC/DC48V	S9 AC/DC48V	184984
Shunt release AC230/400V	S9 AC230/400V	184986
Under voltage release AC230V	V9 AC230V	184974
Over/under voltage release	OUVT-1	269898

Accessories for DZ158

Function	Description	Code
Auxiliary contacts	AX-1 G	543913
Mechanical Interlock	LMI-12	391932

Accessories for NL1

Function	Description	Code
Auxiliary contacts	AX-5	200998

4.0

Final Distribution Components

4.9.2 Accessories for NXB series


AX-X1

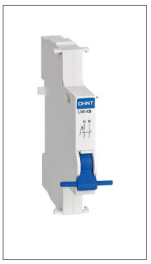

AL-X1


SHT-X1


OVT-X1


UVT-X1


OUVT-1


LMI-XB


AX-X3


AL-X3


SHT-X3


OVT-X3


UVT-X3


OUVT-X3


MOD-1


LMI-12


AX-5

Accessories for NXB-40, NXB-63, NXB-80, NXBLE-32, NXBLE-40, NXBLE-63

Function	Description	Code
Auxiliary contacts	AX-X1	814991
Alarm auxiliary contacts	AL-X1	814990
Shunt release AC24V/48V,DC24V/48V	SHT-X1 AC24V/48V,DC24V/48V	814988
Shunt release AC230V/400V	SHT-X1 AC230V/400V	814989
Over voltage release	OVT-X1	814986
Under voltage release	UVT-X1	814987
Over/under voltage release	OUVT-X1	814985
Mechanical Interlock	LMI-XB	391935

4.0

Final Distribution Components

Accessories for NXB-125

Function	Description	Code
Auxiliary contacts	AX-X3	816991
Alarm auxiliary contacts	AL-X3	816990
Shunt release AC24V/48V,DC24V/48V	SHT-X3 AC24V/48V,DC24V/48V	816988
Shunt release AC230V/400V	SHT-X3 AC230V/400V	816989
Over voltage release	OVT-X3	816986
Under voltage release	UVT-X3	816987
Over/under voltage release	OUVT-X3	816985
Motor-driven Mechanism (NXB-125 1P)	MOD-1	392452
Mechanical Interlock	LMI-12	391932

Accessories for NXL-63

Function	Description	Code
Auxiliary contacts	AX-5	200998

5.0 Software

5.1 Eplan

5.1.1 Description

CHINT had more than 20,000+ piceces in Eplan data portal,enable EPLAN users to access CHINT data at any time during the design process.

5.1.2 CHINT Data Overview

Contactor	MCCB&ACB	MDR	Others
• NC1 Series • NC2 Series • NC5 Series • NC6 Series • NC8 Series • NXC Series • AX Series Accessories	• NA1 Series • NA5 Series • NA8 Series • NM5 Series • NXA Series • NXM Series • NM8N Series	• DZ158 Series • NB1 Series • NB1L Series NB5 Series • UB Series • NB3LE Series • NB3LEU Series • NB5L Series • NB5LE Series • NB5LG Series • NBH8 Series NL1 Series • NXB Series • NXBLE Series	• Motor Protection Relays • Buttons and Signal Lights • Changeover Switches • Isolating Switches, etc. • NXZ Changeover Switch • NXU Surge Protector • NXR Thermal Relay • Other Spare Data
Imported Data: Over 20,000 Entries			

5.1.3 Access of CHINT Components

Welcome to scan the QR to get more components information in EPLAN Data Protal.

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