

GE
Industrial Solutions

L.V. Systems and Solutions

Residential Components and
Distribution Boards
Building Automation
Industrial Breakers

General Purpose Enclosures
System Enclosures
Controls and Power Electronics



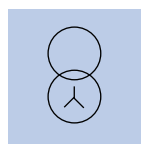
A complete offer for Low Voltage applications



Distribution boards

SEN Plus

Rated voltage: up to 690Vac / 600Vdc
Rated current: up to 6300A



Power circuit breakers

EntelliGuard*

Rating: from 400A to 6400A



Moulded case circuit breakers

Record Plus*

Selective and current limiting
Rating: from 8A to 1600A

MCCBs

acc. EN/IEC 60947-2/UL489



A wide range of **push-buttons**, round and square, in metal and in engineering thermoplastic, illuminated, with or without key,...

Special contactors

for capacitor protection



A full range of **contactors** and auxiliaries, according to EN/IEC 60947-4



A full range of **starters**:
Direct-on-line, Star-Delta, Reversing
ASTAT Softstarters
AF-6/VAT Variable speed drives
for commercial and industrial motors

A full range of modular DIN-rail devices

MCBs acc. EN/IEC 60898-1 and EN/IEC 60947-2
Add-on RCDs acc. EN/IEC 61009-1
RCCBs acc. EN/IEC 61008-1
RCBOs acc. EN/IEC 61009-1
Switches, timers, contactors, surge arresters, measurement devices.

Disconnecter loadbreak

switches and changeover switches
from 16A to 4000A.

Fused disconnector loadbreak

switches from 32A to 1250A.
According to EN/IEC 60947-3 and
UL 508 (listed).

A full range of enclosures

to house
your equipment: plastic or metallic,
for indoor and outdoor use.
For industrial as well as residential
and commercial applications.
According to EN/IEC 60529

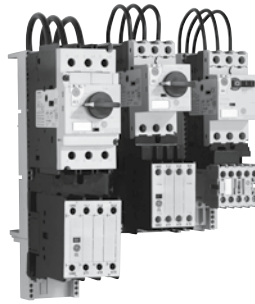


Controls and Power Electronics



Push-buttons

Industrial push-buttons and switches
Series P9 - Ø 22.5 mm
Series 077 - Ø 30 mm
Palm and foot switches.



Motor protection devices Surion

Thermal and magnetic protection.
Standard and high breaking capacity.
Rocker and rotary handle operator.



Speed drive units

Series AF-6
Variable speed drives for three phase induction motors from 0.18 up to 1400kW



Contactors

Four ranges, 3 and 4 poles
Efficor* - from 9 to 40A in AC3
Series M - from 6 to 9A in AC3
Series CL - from 9 to 105A in AC3
Series CK - from 150 to 825A in AC3



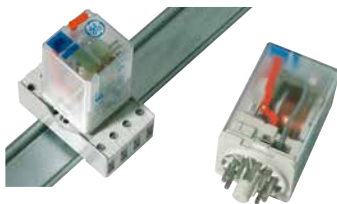
Limit switches

Metal and thermoplastic.
Positive opening.



Softstarters

ASTAT XB-XBm-XL
Compact softstarters
XB and **XBm** in the power range from 18 to 200A, 7.5 to 110kW at 400Vac, 10 to 180HP at 460Vac, with a wide voltage range of 200 to 575Vac
XL in the power range from 23 to 1600A, 11 to 850kW at 400Vac, 15 to 1340HP at 460Vac, with a wide voltage range of 200 to 690Vac



Plug-in relays - Series PRC

Miniature, 8-11 pins and interface



Electronic relays

Multivoltage timers
Detector relays (tension, intensity, liquid level, etc.) and control and protection relays

Overload relays

To fit on the four contactor ranges:
Series MT - from 0.11 to 14A setting
Series RT - from 0.16 to 110A setting
Series RT - from 55 to 850A setting

Building Automation

HabiTEQ* - Building automation system

- Combination of wired and wireless control technologies.
- Intelligent pre-wired "plug and play" solutions.
- Using EnoCean bi-directional wireless technology in sensors and actuators.
- Real energy management with added comfort.



Industrial Breakers



Record Plus*

Moulded case circuit breakers

Selective and current limiting

Frame FD up to 160A
Frame FE up to 250A
Frame FG up to 630A
Frame FK up to 1600A

Breaking capacities from 22kA up to 150kA.
In 3 and 4 poles, fixed or withdrawable versions.
For line, motor and generator protection.
In accordance with EN/IEC 60947-2



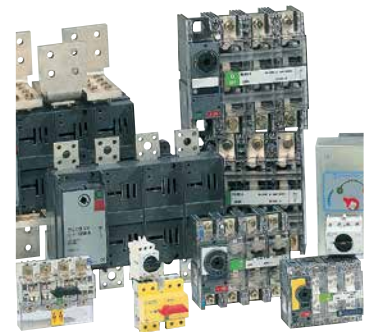
EntelliGuard*

Power circuit breakers

Uncompromising, fast and selective

Frame T (compact)
400A to 1600A - 50kA and 65kA
Frame 1
400A to 2000A - 50kA and 65kA
Frame 2
400A to 4000A - 50, 65, 80 and 100kA
Frame 3
3200A to 6400A - 100kA and 150kA

Fixed pattern and withdrawable type.
In accordance with EN/IEC 60947-2



Dilos

Loadbreak disconnectors

From 16A up to 4000A

Fulos

Fused loadbreak disconnectors

From 32A up to 1000/1250A



Trip unit toolkit

A broad and expanding set of tools designed to monitor, set, and customize the data present in the GE range of EntelliGuard, PremEon* and MET trip units.



Gerapid

High speed DC breaker

From 2600A up to 10,000A

A wide range of models with rated voltages up to 3900V



System Enclosures / Distribution Boards



VMS

Modular enclosures system
Modular enclosures of glass-fibre reinforced polycarbonate.
□ IP65 - IK08
According to IEC 60439-1
Modular dimensions in increments of 100 mm in height and width, in five sizes:

320 x 220 mm	640 x 320 mm
320 x 320 mm	640 x 440 mm
440 x 320 mm	



QuiXtra* 630

Low voltage distribution board for commercial and industrial environments.
□ IP43
According to IEC 61439-2
Range of 24 different enclosures:
9 heights, from 450 up to 1800 mm
3 widths: 364, 660 and 875 mm
1 depth: 250 mm
Rated operational voltage: 415V
Rated current up to 630A



QuiXtra* 4000

Low voltage distribution board for commercial and industrial environments.
□ IP30 and IP55
According to IEC 61439-2
Range of 11 different enclosures:
1 height, 2155 mm
3 widths: 447, 743 and 959 mm
3 depths: 450, 600 and 800 mm
Rated operational voltage: 415V, 690V
Rated current up to 4000A



SEN Plus

A comprehensive range of low voltage switchgear applications:

- withdrawable and fixed power centres with air circuit breakers
- distribution panels with fully withdrawable or fixed versions for MCCBs and fuse switches
- motor control centres with fully withdrawable or fixed technique for fused/fuseless motor starter applications



General Purpose Enclosures



ARIA

Multipurpose polyester cabinets

▣ IP66 - IK10

UL - CSA - AS

Seven sizes, from 315 x 215 x 170 mm up to 1035 x 835 x 300 mm.

In self extinguishing and halogen-free polyester. Maintenance-free and corrosion-resistant.



PolySafe

Multipurpose polyester cabinets

▣ IP65/IP54 - IK10 - UL - CSA

14 standard dimensions, from 500 x 500 mm up to 1250 x 1000 mm.

One depth: 320 mm.

Cabinets are standard factory assembled (empty or equipped).



APO

Modular polyester boxes

▣ IP67 - IK10

UL - CSA - AS - Lloyd's

Nine basic enclosures from 185 x 150 x 130 mm up to 600 x 600 x 175 mm.

Greater depth is obtained by depth extension frames.



MultiBox

Small multipurpose boxes

▣ IP66 - IK07/08 - cUL

11 basic sizes, from 65 x 65 mm up to 361 x 254 mm.

With 5 cover depths.

Made of polystyrene or glass-fibre reinforced polycarbonate.



MultiBox Xtra

Medium sized multipurpose boxes

▣ IP66/IP67 - IK08

6 basic sizes, from 300 x 200 mm up to 600 x 400 mm.

4 different depths.

Made of strong and reliable polycarbonate or ABS. For indoor applications.



EH

The widest range in the world IP23 to IP54

Cabinets for underground cable distribution.

More than 30 enclosures, in various configurations: DIN and non-DIN size, with double compartments, with increased depth, with front and rear doors. Providing solutions to various applications.



UC-Cabinet

Underground connection cabinet

5 standard configurations.

32A up to 125A outgoing ratings.

The diving bell principle prevents all flood damage.



Residential Components and Distribution Boards



Redline

MCBs

Miniature circuit breakers
From 0.5 to 125A - 1 to 4P configuration.
From 3kA to 50kA breaking capacities.
According to EN/IEC 60898-1 and EN/IEC 60947-2
Unibis* - compact MCBs (2P in 1 mod., 3P/4P in 2 mod.), up to 10kA
Fixwell* - screwless MCBs, 6 and 10kA

Add-on RCDs

Add-on residual current devices for MCBs.
For 2 to 4 poles MCBs, 30 up to 1000mA.
According to EN/IEC 61009-1



RCCBs

Residual current operated circuit breakers without integral overcurrent protection. From 16 to 100A and 10mA to 1000mA. According to EN/IEC 61008-1 and BS EN 61008-1



RCBOs

Residual current operated circuit breakers with integral overcurrent protection.
From 4 to 40A and 10mA to 300mA, 1P+N. According to EN/IEC 61009-1
Fixwell* - screwless versions



Energy control and comfort functions

Modular switches and push-buttons, impulse switches, contactors, time switches, time relays, transformers, measurement devices, surge arresters, ...



Fix-o-Rail

Insulated enclosures

2 to 144 modules.
Surface mounting and flush mounting.



Fix-o-Rail 150 M

Metallic enclosures

4 to 72 modules.
Surface mounting.



Fix-o-Rail Senior

Metallic enclosures

48 to 288 modules.
Surface mounting.



Junction boxes

Flex-o-Box Junior - 2.5 mm² - □ IP65
Flex-o-Box - 6 mm² - □ IP65
Series 55 - 10 up to 25 mm² - □ IP66
Terminal blocks/clamps.



GE Industrial Solutions is a first class global supplier of low and medium voltage products including wiring devices, residential and industrial electrical distribution components, automation products, enclosures and switchboards. Demand for the company's products comes from wholesalers, installers, panelboard builders, contractors, OEMs and utilities worldwide.

Belgium

GE Industrial Belgium
Nieuwevaart 51
B-9000 Gent
Tel. +32 (0)9 265 21 11

Finland

GE Industrial Solutions
Kuortaneenkatu 2
FI-00510 Helsinki
Tel. +358 (0)10 394 3760

France

GE Industrial Solutions
204, Rue du Rond-Point du Pont de Sèvres
F-92100 Boulogne-Billancourt
Tel. +33 (0)800 912 816

Germany

GE Industrial Solutions
Robert-Bosch Str. 3
D-50354 Hürth-Efferen
Tel. +49 (0) 2233/ 9719-0

Hungary

GE Hungary Kft.
Váci ut 81-83.
H-1139 Budapest
Tel. +36 1 447 6050

Italy

GE Industrial Solutions
Centro Direzionale Colleoni
Via Paracelso 16
Palazzo Andromeda B1
I-20864 Agrate Brianza (MB)
Tel. +39 039 637 371

Netherlands

GE Industrial Solutions
Parallelweg 10
NL-7482 CA Haaksbergen
Tel. +31 (0)53 573 03 03

Poland

GE Power Controls
Ul. Towarowa 25A, Ip
00-869 Warszawa
Tel. +48 22 520 53 53

Ul. Leszczyńska 6
43-300 Bielsko-Biała
Tel. +48 33 828 62 33

Russia

GE Industrial Solutions
27/8, Electroavodskaya street
Moscow, 107023
Tel. +7 495 937 11 11

South Africa

GE Industrial Solutions
Unit 4, 130 Gazelle Avenue
Corporate Park Midrand 1685
P.O. Box 76672 Wendywood 2144
Tel. +27 11 238 3000

Spain

GE POWER CONTROLS IBÉRICA, S.L.
Calle Miño 122 Naves E-F
Polígono Industrial Santa Margarita
08223 Terrassa (Barcelona)
Tel. +34 900 993 625

United Arab Emirates

GE Industrial Solutions
Injaz Building, 3rd Floor
Dubai Internet City
PO Box 11549, Dubai
Tel. +971 4 4546912

United Kingdom

GE Industrial Solutions
2 The Arena, Downshire Way
Bracknell, Berkshire
RG12 1PU
Tel. +44 (0)800 587 1239

