



Representative Image

Ref. No. 435441 | Cat. No. FKN46NE160TTF

Description: FKN 1600 Breaker Icu 50 kA/415VAC Ue 690VAC 4P 4trips N100 - 1600A Sensor SMR1e

EAN 5050096354414

Products > Industrial Circuit Breakers > Moulded Case Circuit Breakers

Rated at 1600A, the FK frame size is designed for use with the FG400 and 630 frame sizes. The design uses electronic trip units SMR1e and SMR1s available in a number of performance ranges and allowing a wide variety of setting options. The FK connection area features easy-to-access busbar connections or cable plugs for use with single or multiple copper or aluminium conductors.

Descriptors

Category	Moulded Case Circuit Breakers
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Specifications

Series	Circuit breaker (complete breaker)
In (A)	1600 A
Number of poles	4P
Trips	4 trips neutral 0+50+100% rated
Frame type	K frame (800A/1250 A/1600A)
Rating frame (A)	1600 A
Short-circuit capacity (kA)	Normal 50 kA
Trip Unit	Line & Generator protection (SMR1e selective)
Measurements	320x280x160 mm
Ui (V)	1000 V
Ir (A)	640-1600 A
IEC 230VAC	85 kA
IEC 400VAC	50 kA
IEC 440VAC	42 kA
IEC 500VAC	36 kA
IEC 690VAC	20 kA
IEC 690VAC Icu	20 kA
IEC 690VAC Ics	20 kA
NEMA 240V	85 kA
NEMA 480V	42 kA
Im (A)	600-6000 A

Classifications

ETIM 5.0	EC000228
ETIM 6.0	EC000228

Dimensions

Weight	23.400 kg
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Package information

Standard packing

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Publications

Title	Publication No.	Publication Type
Record Plus - FK800-FK1250-FK1600 Breaker/Disconnecter 4P (stp)		
3D Drawing: Industrial Circuit Breaker - Record Plus - FK800-FK1250-FK1600 Breaker/Disconnecter 4P (STEP format) RPFK164PT	3D-00901	Drawings - CAD - 3D
RPFK1600 4Pole Total view RPFK164PL	RPFK164PT	Commercial Drawings
RPFK1600 4Pole Side view RPFK164PF	RPFK164PL	Commercial Drawings
RPFK1600 4Pole Front view RPFK164PR	RPFK164PF	Commercial Drawings
RPFK1600 4Pole Rear view	RPFK164PR	Commercial Drawings
Record Plus - FK800-FK1250-FK1600 Breaker/Disconnecter 4P (pdf)		
3D PDF Viewer: Industrial Circuit Breaker - Record Plus - FK800-FK1250-FK1600 Breaker/Disconnecter 4P (3DPDF format)	3D-00901-PDF	Drawings - CAD - 3D

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