



Ref. No. 430610 | Cat. No. FDN36MC080GD

Description: FDN 160 Breaker Icu 50kA/415VAC Ue 690VAC 3P 3trips - 80A Mag Break

EAN 5050096306109

Products > Industrial Circuit Breakers > Moulded Case Circuit Breakers

Rated at 160A, the FD160 frame size is designed for use in both a DIN-rail environment with modular equipment and in industrial applications. It is supplied with IPXXB terminals suitable for direct connection of one or two conductors totalling up to 95 mm² and is available as magnetic-only motor circuit protector (Mag Break). The FD160 bridges the gap between residential miniature circuit breakers and industrial moulded case circuit breakers.

Descriptors

Category	Moulded Case Circuit Breakers
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Specifications

Series	Circuit breaker (complete breaker)
In (A)	80 A
Number of poles	3P
Trips	3 trips
Frame type	D frame (63A/160A)
Rating frame (A)	160 A
Short-circuit capacity (kA)	Normal 50 kA
Trip Unit	Motor protection (Magnetic only)
Measurements	130x81x85 mm
Ui (V)	750 V
Ir (A)	80 A
IEC 230VAC	85 kA
IEC 400VAC	50 kA
IEC 440VAC	30 kA
IEC 500VAC	22 kA
IEC 690VAC	8 kA
IEC 690VAC Icu	8 kA
IEC 690VAC Ics	4 kA
IEC 250VDC	40 kA
IEC 440VDC	40 kA
IEC 500VDC	40 kA
NEMA 240V	65 kA
NEMA 480V	36 kA
Im (A)	800-1200 A
Standard packing	1

Classifications

ETIM 5.0	EC000228
ETIM 6.0	EC000228

Dimensions

Weight	1.050 kg
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Publications

Title	Publication No.	Publication Type
RPF160H Record Plus FD160 horizontal front view	RPF160H	Commercial Drawings
RPF160V Record Plus FD160 vertical front view	RPF160V	Commercial Drawings
Record Plus - FD160 Breaker/Disconnecter 3P (pdf) 3D PDF Viewer: Industrial Circuit Breaker - Record Plus - FD160 Breaker/Disconnecter 3P (3DPDF format)	3D-00894-PDF	Drawings - CAD - 3D
Record Plus - FD160 Breaker/Disconnecter 3P (stp) 3D Drawing: Industrial Circuit Breaker - Record Plus - FD160 Breaker/Disconnecter 3P (STEP format)	3D-00894	Drawings - CAD - 3D

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