



**Ref. No. 432958 | Cat. No. FDS36TD100GD**

**Description: FDS 160 Breaker Icu 36kA/415VAC Ue 690VAC 3P 3trips - 100A LTMD**

**EAN 5050096329580**

**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 mm<sup>2</sup> and is available as a thermal-magnetic breaker(LT,ST). 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)	100 A
Number of poles	3P
Trips	3 trips
Frame type	D frame (63A/160A)
Rating frame (A)	160 A
Short-circuit capacity (kA)	Residential 36 kA
Trip Unit	Line protection (thermal) delayed
Measurements	130x81x85 mm
Ui (V)	750 V
Ir (A)	80-100 A
IEC 230VAC	50 kA
IEC 400VAC	36 kA
IEC 440VAC	25 kA
IEC 500VAC	18 kA
IEC 690VAC	6 kA
IEC 690VAC Icu	6 kA
IEC 690VAC Ics	3 kA
IEC 250VDC	25 kA
IEC 440VDC	25 kA
IEC 500VDC	25 kA
NEMA 240V	50 kA
NEMA 480V	25 kA
Im (A)	1.000 A
Standard packing	1

**Classifications**

ETIM 5.0	EC000228
ETIM 6.0	EC000228

## Dimensions

Weight

1.050 kg

## Publications

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

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