



**Ref. No. 433602 | Cat. No. FDS36TD160GD**

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

**EAN 5050096336021**

**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 |
|----------|-------------------------------|

**Specifications**

|                             |                                    |
|-----------------------------|------------------------------------|
| Series                      | Circuit breaker (complete breaker) |
| In (A)                      | 160 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)                      | 128-160 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)                      | 1.250 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><br>Record Plus FD160 horizontal front view  | RPF160H         | Commercial Drawings |
| <a href="#">RPF160V</a><br>Record Plus FD160 vertical front view  | RPF160V         | Commercial Drawings |
| <a href="#">Record Plus - FD160 Breaker/Disconnecter 3P (stp)</a><br>3D Drawing: Industrial Circuit Breaker - Record Plus - FD160 Breaker/Disconnecter 3P (STEP format)     | 3D-00894        | Drawings - CAD - 3D |
| <a href="#">Record Plus - FD160 Breaker/Disconnecter 3P (pdf)</a><br>3D PDF Viewer: Industrial Circuit Breaker - Record Plus - FD160 Breaker/Disconnecter 3P (3DPDF format) | 3D-00894-PDF    | Drawings - CAD - 3D |

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