

Product datasheet

Specifications



residual current circuit breaker ID - 4 poles - 40 A - class A 300 mA

23306

⚠ Discontinued on: 1 Nov 2020

⚠ Discontinued

Main

| | |
|---|---|
| Product or component type | Residual current circuit breaker (RCCB) |
| Device short name | ID RCCB |
| Poles description | 4P |
| Neutral position | Left |
| [In] rated current | 40 A |
| Network type | AC |
| Earth-leakage sensitivity | 300 mA |
| Earth-leakage protection time delay | Instantaneous |
| Earth-leakage protection class | Type A |
| Rated breaking and making capacity | $I_m = 1500 \text{ A}$ |
| Rated conditional short-circuit current | $I_{nc} 3 \text{ kA } 40 \text{ A}$ |

Complementary

| | |
|--|---|
| Device location in system | Outgoer |
| Network frequency | 50/60 Hz |
| [Ue] rated operational voltage | 400 V AC 50/60 Hz conforming to IEC 61008 |
| Residual current tripping technology | Electromechanical |
| [Uimp] rated impulse withstand voltage | 6 kV conforming to IEC 60947-3 |
| Control type | Toggle |
| Mounting mode | Fixed |
| Mounting support | 35 mm symmetrical DIN rail |
| Connection pitch | 18 mm between phases |
| 9 mm pitches | 8 |
| Height | 81 mm |
| Width | 72 mm |
| Depth | 75 mm |
| Net weight | 0.45 kg |
| Colour | Grey |
| Mechanical durability | 20000 cycles |
| Provision for padlocking | Padlockable |

| | |
|--------------------------------|---|
| Connections - terminals | Tunnel type terminals1...25 mm ² flexible Tunnel type terminals1...35 mm ² rigid |
| Wire stripping length | 15 mm |
| Tightening torque | 3.5 N.m |

Environment

| | |
|--|---|
| Standards | IEC 60947-3 IEC 60947-1 IEC 61008 |
| Tropicalisation | 2 conforming to IEC 61008 |
| Relative humidity | 95 % at 55 °C |
| Operating altitude | 2000 m |
| Ambient air temperature for operation | -25...40 °C |
| Ambient air temperature for storage | -40...60 °C |

Packing Units

| | |
|-------------------------------------|--------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 8.5 cm |
| Package 1 Width | 7.7 cm |
| Package 1 Length | 9 cm |
| Package 1 Weight | 373 g |

Contractual warranty

| | |
|-----------------------------|----|
| Warranty (in months) | 18 |
|-----------------------------|----|



Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Use Longer



Lifetime extension

Repair

No

Use Again



Repack and remanufacture

WEEE Label



The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins