

Product datasheet

Specifications

residual current circuit breaker ID - 4 poles - 25 A - class A 300 mA



23301

⚠ 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	25 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	$I_{nc} 3 \text{ kA } 25 \text{ A}$

Complementary

Device location in system	Outgoer
Network frequency	50/60 Hz
[U _e] rated operational voltage	400 V AC 50/60 Hz conforming to IEC 61008
Residual current tripping technology	Electromechanical
[U _{imp}] 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 60947-1 IEC 61008 IEC 60947-3
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	7.5 cm
Package 1 Width	8.5 cm
Package 1 Length	9.2 cm
Package 1 Weight	373 g

Contractual warranty

Warranty (in months)	18
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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