



### Main

Commercial Status	Commercialised
Product or component type	Earth leakage protection
Device short name	iID
Poles description	2P
Neutral position	Left
[In] rated current	40 A
Network type	AC
Earth-leakage sensitivity	30 mA
Earth-leakage protection time delay	Instantaneous
Earth-leakage protection class	Class SI
Rated breaking and making capacity	Im 1500 A Idm 1500 A
Rated conditional short-circuit current	10 kA

### Complementary

Device location in system	Outgoer
Network frequency	50/60 Hz
[Ue] rated operational voltage	230/240 V AC 50/60 Hz conforming to IEC 61008-1 230 V AC 50/60 Hz conforming to EN 61008-1
Residual current tripping technology	Voltage independent
[Ui] rated insulation voltage	500 V
[Uimp] rated impulse withstand voltage	6 kV
Contact position indicator	Yes
Control type	Toggle
Local signalling	Trip indicator
Mounting mode	Fixed
Mounting support	DIN rail
Comb busbar distribution block compatibility	Top or bottom: YES
9 mm pitches	4
Height	91 mm
Width	36 mm
Depth	73.5 mm
Product weight	0.21 kg
Colour	White
Mechanical durability	20000 cycles
Electrical durability	AC-1: 15000 cycles
Connections - terminals	Single terminal top or bottom 1 cable(s) 1...25 mm² flexible with cable end Single terminal top or bottom 1 cable(s) 1...25 mm² flexible without cable end Single terminal top or bottom 1 cable(s) 1...35 mm² rigid without cable end
Wire stripping length	14 mm (top or bottom)
Tightening torque	3.5 N.m (top or bottom)

## Environment

Standards	EN 61008-1 IEC 61008-1
IP degree of protection	IP20
Pollution degree	3 conforming to IEC 60947
Electromagnetic compatibility	8/20 $\mu$ s impulse withstand 3000 A conforming to IEC 61008-1
Ambient air temperature for operation	-25...60 °C
Ambient air temperature for storage	-40...85 °C

## RoHS compliance

RoHS EUR status	Compliant
RoHS EUR conformity date(YYWW)	1001

## Contractual warranty

Period	18 months
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