

A9R21440

iID - earth leakage protection - 4P - 40A - 30mA - A type



Main

Range	Acti 9
Product or component type	Earth leakage protection
Device short name	iID
Poles description	4P
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 A
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	400 V AC 50/60 Hz conforming to EN 61008-1 400/415 V AC 50/60 Hz conforming to IEC 61008-1
Residual current tripping technology	Voltage independent
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	8
Height	91 mm
Width	72 mm
Depth	73.5 mm
Product weight	0.37 kg
Colour	White
Mechanical durability	20000 cycles
Electrical durability	AC-1 : 15000 cycles
Connections - terminals	Single terminal top or bottom 1 cable(s) 1...35 mm ² rigid without cable end Single terminal top or bottom 1 cable(s) 1...25 mm ² flexible without cable end Single terminal top or bottom 1 cable(s) 1...25 mm ² flexible with cable end
Wire stripping length	14 mm (top or bottom)
Tightening torque	3.5 N.m (top or bottom)

Environment

Standards	EN 61008-1
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	IEC 61008-1
IP degree of protection	IP20
Pollution degree	3 conforming to IEC 60947
Electromagnetic compatibility	8/20 μ s impulse withstand 250 A conforming to IEC 61008-1
Ambient air temperature for operation	-25...60 °C
Ambient air temperature for storage	-40...85 °C

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS	Compliant - since 1001 - Schneider Electric declaration of conformity
Product environmental profile	Available
Product end of life instructions	Need no specific recycling operations

Contractual warranty

Period	18 months
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