Product data sheet
Characteristics

A9R14491
Acti 9 iID - RCCB - 4P - 100A - 300mA - type AC



Main

Range of product	IID
Range	Acti 9
Product name	Acti 9 iID
Product or component-type	Residual current circuit breaker (RCCB)
Device short name	IID
Poles description	4P
Neutral position	Left
[In] rated current	100 A
Network type	AC
Earth-leakage sensitivity	300 mA
Earth-leakage protection time delay	Instantaneous
Earth-leakage protection class	Type AC

Complementary

Device location in system	Outgoer
Network frequency	50/60 Hz
[Ue] rated operational voltage	380...415 V AC 50/60 Hz
Residual current tripping technology	Voltage independent
Rated breaking and making capacity	Im 1500 A Idm 1500 A
Rated conditional short-circuit current	10 kA
[Ui] rated insulation voltage	500 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	6 kV
Contact position indicator	Yes
Control type	Toggle
Mounting mode	Clip-on
Mounting support	DIN rail
Comb busbar and distribution block compatibility	Tooth top or bottom :
Connection pitch	18 mm : Between phases 18 mm : Between phase and neutral
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	10000 cycles AC-1
Locking options description	Padlocking device
Connections - terminals	Single terminal, top or bottom flexible with ferrule wire(s) 1...25 mm² max Single terminal, top or bottom rigid wire(s) 1...35 mm² max Single terminal, top or bottom flexible wire(s) 1...25 mm² max
Wire stripping length	14 mm (top or bottom)
Tightening torque	3.5 N.m (top or bottom)
Market segment	Small commercial
Compatibility code	IID

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein.
This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications.
It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof.
Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Environment

Standards	EN/IEC 61008-1
Product certifications	SNI
IP degree of protection	IP40 for modular enclosure conforming to IEC 60529 IP20 conforming to IEC 60529
Pollution degree	3
Electromagnetic compatibility	8/20 µs impulse withstand, 250 A conforming to EN/IEC 61008-1
Ambient air temperature for operation	-5...60 °C
Ambient air temperature for storage	-40...85 °C

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0627 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Need no specific recycling operations

Contractual warranty

Warranty period	18 months

Product Life Status : Commercialised