



Main

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	Selective
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
Local signalling	Trip indicator
Mounting mode	Clip-on
Mounting support	DIN rail
Comb busbar and distribution block compatibility	Tooth top or bottom :
Connection pitch	18 mm : Between phase and neutral 18 mm : Between phases
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 mm ² max Single terminal, top or bottom rigid wire(s) 1...35 mm ² max Single terminal, top or bottom flexible wire(s) 1...25 mm ² max
Wire stripping length	14 mm (top or bottom)
Tightening torque	3.5 N.m (top or bottom)

Environment

Standards	EN/IEC 61008-1
IP degree of protection	IP40 for modular enclosure conforming to IEC 60529 IP20 conforming to IEC 60529
Pollution degree	3
Electromagnetic compatibility	8/20 μ s impulse withstand, 3000 A conforming to EN/IEC 61008-1
Ambient air temperature for operation	-5...60 °C
Ambient air temperature for storage	-40...85 °C

Product Life Status : **Commercialised**