



Main

Range	Resi9
Product name	Resi9 XE DA
Product or component type	Arc fault detection circuit breaker
Product specific application	Fire protection
Circuit breaker application	Distribution
Poles description	1P + N
Neutral position	Left
[In] rated current	20 A at 30 °C
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	C
Breaking capacity	3000 A Icn at 230 V AC 50 Hz conforming to EN/IEC 60898-1
Quality labels	NF

Complementary

Device location in system	Outgoer
Network frequency	50 Hz
[Ue] rated operational voltage	230 V AC 50 Hz conforming to IEC 62606 230 V AC 50 Hz conforming to EN/IEC 60898-1
Magnetic tripping limit	5...10 x In
Limitation class	3 conforming to IEC 60898-1
[Ui] rated insulation voltage	400 V AC
Threshold tripping voltage	400 V 200 ms
[Uimp] rated impulse withstand voltage	4 kV conforming to IEC 60898-1
Contact position indicator	Yes
Control type	Toggle
Local signalling	ON, OFF, fault trip
Mounting mode	Clip-on
Mounting support	DIN rail
Colour	White (RAL 9003)
Mechanical durability	20000 cycles
Electrical durability	20000 cycles 230 V AC 50 Hz conforming to EN 60898
Overvoltage category	III
Connections - terminals	Plug in (top) Tunnel type terminals (bottom) 1 cable(s) 1...16 mm² rigid Tunnel type terminals (bottom) 2 cable(s) 1...2.5 mm² rigid Tunnel type terminals (bottom) 1 cable(s) 1...10 mm² flexible Tunnel type terminals (bottom) 2 cable(s) 1...2.5 mm² flexible
Wire stripping length	14 mm
9 mm pitches	4
Height	86.5 mm
Width	36 mm
Depth	84.5 mm
Market segment	Residential

Environment

Heat dissipation	5.42 W at 230 V - 20 A
IP degree of protection	IP20
Pollution degree	2
Tropicalisation	Severity B conforming to IEC 60068-2-30 for 28 d
Operating altitude	2000 m
Ambient air temperature for operation	-25...60 °C
Ambient air temperature for storage	-40...85 °C
Standards	IEC 60898-1 EN/IEC 62606
Product certifications	CE

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 REACH Declaration
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
China RoHS Regulation	 China RoHS Declaration
RoHS exemption information	 Yes
Environmental Disclosure	 Product Environmental Profile
Circularity Profile	 End Of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins