



Main

Range of product	Acti9
Product or component type	Arc fault detection device
Product specific application	Fire prevention by arc detection
Product name	Acti9 iARC
Device short name	iARC
Poles description	1P + N
Neutral position	Left
Network type	AC
Rated breaking and making capacity	$I_m = 500 \text{ A}$
Rated conditional short-circuit current	Upstream MCB 25A: Inc 10 kA Upstream RCBO 25A: Inc 10 kA

Complementary

[In] rated current	25 A
Network frequency	50 Hz
[Ue] rated operational voltage	230 V AC 50 Hz conforming to IEC 62606
[Ui] rated insulation voltage	400 V AC
[Uimp] rated impulse withstand voltage	4 kV
Threshold tripping voltage	400 V 200 ms
Contact position indicator	Yes
Control type	Toggle
Local signalling	ON, OFF, fault trip
Mounting mode	Clip-on
Mounting support	DIN rail
Colour	White
Mechanical durability	20000 cycles
Electrical durability	20000 cycles 230 V AC 50 Hz 20 A
Connections - terminals	Tunnel type terminal1 cable(s) 1...10 mm ² flexible Tunnel type terminal2 cable(s) 1...2.5 mm ² flexible Tunnel type terminal1 cable(s) 1...16 mm ² rigid Tunnel type terminal2 cable(s) 1...2.5 mm ² rigid
Power connection	Upside
Wire stripping length	14 mm
Tightening torque	2 N.m
Connection pitch	9 mm between phase and neutral
9 mm pitches	4
Height	81 mm
Width	36 mm
Depth	72 mm
Net weight	198 g

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Environment

IP degree of protection	IP20
Pollution degree	2
Overvoltage category	III
Tropicalisation	Severity B conforming to IEC 60068-2-30 for 28 d
Ambient air temperature for operation	-25...60 °C
Ambient air temperature for storage	-40...85 °C
Standards	EN/IEC 62606 GB/T 31143
Product certifications	VDE

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	4.1 cm
Package 1 Width	8.2 cm
Package 1 Length	10.0 cm
Package 1 Weight	230.0 g
Unit Type of Package 2	S02
Number of Units in Package 2	27
Package 2 Height	15.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	6.525 kg

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