Product data sheet

Specifications

Arc fault detection add-on block, Acti9 ARC iC40, 1P+N, 40A

A9TAB1640

Main

Range of product	Acti 9
Product or component type	Arc fault detection add-on block
Device short name	ARC
Poles description	1P + N
Neutral position	Left
[In] rated current	40 A
Network type	AC
Network frequency	50 Hz
Electrical data recording	Date and time Maintenance indicators
[Ue] rated operational voltage	230 V AC 50 Hz conforming to IEC 62606
9 mm pitches	2

Complementary

Device location in system	Outgoer
[Ui] rated insulation voltage	250 V AC 50 Hz
Threshold tripping voltage	275 V for +/- 5 V
[Uimp] rated impulse withstand voltage	4 kV conforming to IEC 62606
Local signalling	ON, OFF, fault trip LED arc fault diagnostic
Mounting mode	Clip-on
Mounting support	DIN rail
Electrical connection to mcb	By screws
Colour	White (RAL 9003)
Mechanical durability	20000 cycles
Electrical durability	10000 cycles 230 V AC conforming to IEC 62606
Connections - terminals	Tunnel type terminal1…10 mm² flexible Tunnel type terminal1…16 mm² rigid
Wire stripping length	14 mm
Tightening torque	2 N.m

Height	91 mm
Width	36 mm
Depth	73 mm
Product weight	90 g

Environment

IP degree of protection	IP20
Pollution degree	2 conforming to IEC 62606
Overvoltage category	III
Tropicalisation	Severity B conforming to IEC 60068-2-30 for 28 d
Relative humidity	95 % at 55 °C
Ambient air temperature for operation	-25…40 °C
Ambient air temperature for storage	-40…80 °C
Standards	EN/IEC 62606
Quality labels	IMQ

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	4.2 cm
Package 1 Width	8.2 cm
Package 1 Length	11.2 cm
Package 1 Weight	110.0 g
Unit Type of Package 2	S02
Number of Units in Package 2	24
Package 2 Height	15.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	2.955 kg
Unit Type of Package 3	P12
Number of Units in Package 3	576
Package 3 Height	60.0 cm
Package 3 Width	80.0 cm
Package 3 Length	120.0 cm
Package 3 Weight	82.92 kg

Offer Sustainability

REACh Regulation	REACh Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration

Life Is On | Schneider Electric

| WEEE | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |

Recommended replacement(s)