

arc fault detection switch, Acti9 iARC, 1P + N, 40 A

A9TSB3640

EAN Code: 3606481906144

Main

range of product	Acti9	
Product or component type	Arc fault detection switch	
Product specific application	Arc fault detection	
product name	Acti9 iARC	
Device short name	iARC	
Poles description	1P + N	
Neutral position	Left	
Network type	AC	
Rated breaking and making capacity	Im = 500 A Im1 = 500 A	
Rated conditional short-circuit current	Inc 10000 A Icn1 10000 A	

Complementary

Device location in system	Outgoer	
[In] rated current	40 A	
Network frequency	50 Hz	
[Ue] rated operational voltage	230 V AC 50 Hz conforming to IEC 62606	
[Ui] rated insulation voltage	250 V	
[Uimp] rated impulse withstand voltage	4 kV conforming to IEC 62606	
Threshold tripping voltage	275 V for +/- 5 V	
Contact position indicator	Yes	
control type	Toggle	
Local signalling	ON, OFF, fault trip LED arc fault diagnostic	
Mounting mode	Clip-on	
Mounting support	DIN rail	
Colour	White (RAL 9003)	
Mechanical durability	20000 cycles	
Electrical durability	10000 cycles 230 V AC 50 Hz conforming to IEC 62606	
Connections - terminals	Tunnel type terminal116 mm² rigid Tunnel type terminal110 mm² flexible	
cable entry	Top and bottom	

Locking options description	Padlocking device
Wire stripping length	14 mm
Tightening torque	2 N.m
9 mm pitches	4
Height	91 mm
Width	36 mm
Depth	73 mm
Product weight	210 g

Environment

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	
Operating altitude	2000 m	
Ambient air temperature for operation	-2540 °C	
Ambient air temperature for storage	-4080 °C	
Standards	IEC 62606 BS EN 62606	
Product certifications	UKCA	

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	4.400 cm
Package 1 Width	8.500 cm
Package 1 Length	11.400 cm
Package 1 Weight	234.000 g
Unit Type of Package 2	S02
Number of Units in Package 2	24
Package 2 Height	15.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	5.914 kg
Unit Type of Package 3	P12
Number of Units in Package 3	192
Package 3 Height	25.000 cm
Package 3 Width	80.000 cm
Package 3 Length	120.000 cm
Package 3 Weight	58.500 kg

Logistical informations

Country of origin

Contractual warranty

Warranty

1 Jul 2025

18 months

ES



Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

⊘ Environmental footprint	
Carbon footprint (kg.eq.CO2 per CR, Total Life cycle)	97
Environmental Disclosure	Product Environmental Profile

Use Better

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Compliant with Exemptions
SCIP Number	B078722f-7853-4e1e-a05b-29638f57b0ab
REACh Regulation	REACh Declaration

Use Again

○ Repack and remanufacture	
Circularity Profile	End of Life Information
Take-back	No
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins