Product datasheet

Specifications

Arc fault detection RCBO, Easy9 VigiARC, 1P+N, 6A, B curve, 30mA, A-SI type, 6000A

EZ9TDA7606

EAN Code: 3606482164789

Main

Range	Easy9
product name	Easy9 VigiARC
Product or component type	Arc fault detection RCBO
Product specific application	Arc fault detection
Standards	EN/IEC 62606 EN/IEC 61009-1 EN/IEC 61009-2-1
Device short name	VigiARC
Poles description	1P + N
Number of protected poles	1
Curve code	B
Breaking capacity	6000 A Icn at 230 V AC 50 Hz conforming to IEC 61009-2-1 10 kA Icu at 230 V AC 50 Hz conforming to EN/IEC 60947-2
Rated breaking and making capacity	Idm 3000 A at 230 V AC 50 Hz conforming to IEC 61009-2-1
Neutral position	Left
Network type	AC
Earth-leakage protection time delay	Instantaneous
Earth-leakage protection class	Type A-SI (Super Immunised)
Electrical data recording	Date and time Maintenance indicators
Suitability for isolation	Yes
Residual current tripping technology	Voltage independent
Trip unit technology	Thermal-magnetic
Earth-leakage protection	Integrated

Complementary

[In] rated current	6 A
Network frequency	50 Hz
[Ue] rated operational voltage	230 V AC 50 Hz
Device location in system	Outgoer
Magnetic tripping limit	3...5 x In
[Ics] rated service breaking capacity	6000 A at 230 V AC 50 Hz conforming to IEC 61009-2-1 7.5 kA at 230 V AC 50 Hz conforming to IEC 60947-2

Limitation class	3
[Ui] rated insulation voltage	250 V AC 50 Hz between phase and neutral
Threshold tripping voltage	275 V for +/- 5 V
[Uimp] rated impulse withstand voltage	4 kV
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	Grey (RAL 7035)
Mechanical durability	10000 cycles
Electrical durability	4000 cycles 230 V AC 50 Hz
Overvoltage category	III
Locking options description	Padlocking device
cable entry	Top and bottom
Connections - terminals	Tunnel type terminal 1…16 mm² rigid Tunnel type terminal 1…10 mm² flexible
Wire stripping length	14 mm
Tightening torque	2 N.m
Comb busbar and distribution block compatibility	YES
9 mm pitches	4
Height	91 mm
Width	36 mm
Depth	73 mm
Net weight	220 g

Environment

Earth-leakage sensitivity	30 mA
IP degree of protection	IP20 conforming to IEC 60529
Pollution degree	2 conforming to EN/IEC 62606
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	-25…50 °C
Ambient air temperature for storage	-40…80 °C
Product certifications	UKCA

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	8.000 cm

Life Is On | Schneider Electric

Package 1 Width	4.500 cm
Package 1 Length	11.500 cm
Package 1 Weight	236.000 g

Contractual warranty

Warranty	18 months

Environmental Data

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

Environmental Disclosure	**Product Environmental Profile**

Use Better

Materials and Substances

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**