

# Product datasheet

Specifications



## Arc fault detection RCBO, Easy9 VigiARC, 1P+N, 10A, B curve, 30mA, A-SI type, 6000A

EZ9TDA7610

EAN Code : 3606482164796

### 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	I <sub>dm</sub> 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	10 A
Network frequency	50 Hz
[Ue] rated operational voltage	230 V AC 50 Hz
Device location in system	Outgoer

<b>Magnetic tripping limit</b>	3...5 x I <sub>n</sub>
<b>[Ics] rated service breaking capacity</b>	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
<b>Limitation class</b>	3
<b>[Ui] rated insulation voltage</b>	250 V AC 50 Hz between phase and neutral
<b>Threshold tripping voltage</b>	275 V for +/- 5 V
<b>[Uimp] rated impulse withstand voltage</b>	4 kV
<b>Contact position indicator</b>	Yes
<b>Control type</b>	Toggle
<b>Local signalling</b>	ON, OFF, fault trip LED arc fault diagnostic
<b>Mounting mode</b>	Clip-on
<b>Mounting support</b>	DIN rail
<b>Colour</b>	Grey (RAL 7035)
<b>Mechanical durability</b>	10000 cycles
<b>Electrical durability</b>	4000 cycles 230 V AC 50 Hz
<b>Overvoltage category</b>	III
<b>Locking options description</b>	Padlocking device
<b>Cable entry</b>	Top and bottom
<b>Connections - terminals</b>	Tunnel type terminal 1...16 mm <sup>2</sup> rigid Tunnel type terminal 1...10 mm <sup>2</sup> flexible
<b>Wire stripping length</b>	14 mm
<b>Tightening torque</b>	2 N.m
<b>Comb busbar and distribution block compatibility</b>	YES
<b>9 mm pitches</b>	4
<b>Height</b>	91 mm
<b>Width</b>	36 mm
<b>Depth</b>	73 mm
<b>Net weight</b>	220 g

## Environment

<b>Earth-leakage sensitivity</b>	30 mA
<b>IP degree of protection</b>	IP20 conforming to IEC 60529
<b>Pollution degree</b>	2 conforming to EN/IEC 62606
<b>Tropicalisation</b>	Severity B conforming to IEC 60068-2-30 for 28 d
<b>Relative humidity</b>	95 % at 55 °C
<b>Operating altitude</b>	2000 m
<b>Ambient air temperature for operation</b>	-25...40 °C
<b>Ambient air temperature for storage</b>	-40...80 °C
<b>Product certifications</b>	UKCA

## Packing Units

<b>Unit Type of Package 1</b>	PCE
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Number of Units in Package 1	1
Package 1 Height	11.2 cm
Package 1 Width	4.2 cm
Package 1 Length	8.2 cm
Package 1 Weight	235.0 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	5.955 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	154.92 kg

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
China RoHS Regulation	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information
RoHS exemption information	<a href="#">Yes</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End of Life Information</a>

## Contractual warranty

Warranty	18 months
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## Recommended replacement(s)