

Product data sheet

Specifications



Residual current breaker with overcurrent protection (RCBO), Acti9 iSPN Vigi, 1P + N, 10A, 30mA, A type, 6000A

A9D73610

Main

Circuit breaker application	Distribution
Range	Acti9
Product name	ISPN Vigi
Product or component type	Residual current breaker with overcurrent protection (RCBO)
Poles description	1P + N
[In] rated current	10 A at 30 °C
[Ue] rated operational voltage	230/240 V AC 50 Hz
Curve code	C
Earth-leakage sensitivity	30 mA
Breaking capacity	6000 A Icn at 230/240 V AC 50 Hz

Complementary

Neutral position	Left
Number of protected poles	1
Network frequency	50 Hz
Network type	AC
Trip unit technology	Thermal-magnetic
Magnetic tripping limit	5...10 x In
[Ue] rated operational voltage	230/240 V AC 50 Hz
Residual current tripping technology	Voltage dependent
Earth-leakage protection time delay	Instantaneous
Earth-leakage protection class	Type A
[Icw] rated short-time withstand current	Icw: 500 A during 8/20 µs impulse withstand
Limitation class	3
[Ui] rated insulation voltage	400 V AC 50 Hz
[Uimp] rated impulse withstand voltage	4 kV
Surge current	3000 A
Suitability for isolation	Yes
Contact position indicator	Yes
Control type	Toggle
Local signalling	ON/OFF indication

Mounting mode	Clip-on
Mounting support	DIN rail
Comb busbar and distribution block compatibility	YES
9 mm pitches	2
Height	93 mm
Width	18 mm
Depth	70 mm
Net weight	136 g
Colour	White
Mechanical durability	20000 cycles
Electrical durability	10000 cycles
Locking options description	ON/OFF locking facilities
Connections - terminals	Tunnel type terminal (upstream) 1...16 mm ² rigid Tunnel type terminal (downstream) 1...10 mm ² rigid Tunnel type terminal (upstream) 1...16 mm ² flexible Tunnel type terminal (downstream) 1...10 mm ² flexible
Wire stripping length	11 mm for downstream connection 13 mm for upstream connection
Tightening torque	2 N.m upstream 2 N.m downstream
Earth-leakage protection	Integrated

Environment

Standards	AS/NZS 61009.1 IEC 61009-2-2
IP degree of protection	IP20
Ambient air temperature for operation	-25...60 °C
Tropicalisation	2
Relative humidity	95 % at 55 °C
Ambient air temperature for operation	-25...55 °C
Ambient air temperature for storage	-25...70 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	7.500 cm
Package 1 Width	2.000 cm
Package 1 Length	9.500 cm
Package 1 Weight	127.000 g
Unit Type of Package 2	BB1
Number of Units in Package 2	12
Package 2 Height	8.000 cm
Package 2 Width	10.000 cm

Package 2 Length	22.500 cm
Package 2 Weight	1.584 kg
Unit Type of Package 3	S03
Number of Units in Package 3	72
Package 3 Height	30.000 cm
Package 3 Width	30.000 cm
Package 3 Length	40.000 cm
Package 3 Weight	10.699 kg

Contractual warranty

Warranty (in months)	18
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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

Total lifecycle Carbon footprint	31 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Carbon footprint of the manufacturing phase [A1 to A3]	2 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	29 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0 kg CO2 eq.

Use Better



Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Compliant By Exemption
REACH Regulation	Reference contains Substances of Very High Concern above the threshold
Halogen-free status	Halogen free plastic parts product

Use Longer



Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

Recyclability potential, in %	48
End of life manual availability	No need of specific recycling operations
Take-back	No
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins