Product data sheet
Characteristics

A9D40610
iSPN Vigi - earth leakage circuit breaker - 1P + N - C - 10A - 10 mA - 6000 A

Main

Circuit breaker application	Distribution
Range	Acti 9
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
Curve code	C
Earth-leakage sensitivity	10 mA
Breaking capacity	6000 A Icn at 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	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
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

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Connections - terminals	Tunnel type terminal (upstream) 1…16 mm² rigid Tunnel type terminal (downstream) 1…10 mm² rigid Tunnel type terminal (upstream) 1…16 mm² flexible Tunnel type terminal (downstream) 1…10 mm² 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	IEC 61009-2-2 AS/NZS 61009.1
IP degree of protection	IP20
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 Weight	141 g
Package 1 Height	18 mm
Package 1 width	72 mm
Package 1 Length	92.5 mm

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration
Environmental Disclosure	Product Environmental Profile