

## Product data sheet

### Characteristics

# A9D73620

iSPN Vigi - earth leakage circuit breaker - 1P + N - C - 20A - 30 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	20 A at 30 °C
Curve code	C
Earth-leakage sensitivity	30 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
Product 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 mm <sup>2</sup> rigid Tunnel type terminal (downstream) 1...10 mm <sup>2</sup> rigid Tunnel type terminal (upstream) 1...16 mm <sup>2</sup> flexible Tunnel type terminal (downstream) 1...10 mm <sup>2</sup> 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
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	1.8 cm
Package 1 width	7.2 cm
Package 1 Length	9.25 cm

## 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
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>