

Product data sheet

Characteristics

A9D73625

iSPN Vigi - earth leakage circuit breaker - 1P + N - C - 25A - 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 | 25 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 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 | 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 | 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 | 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 |