

Product datasheet

Specifications



TeSys Mini-VARIO - Switch body for switch-disconnector - 3 poles - 20 A

Local distributor code:

386425422

VN20

EAN Code: 3389110759846

Main

| | |
|-------------------------------|------------------|
| Range | TeSys |
| Product name | TeSys Mini-VARIO |
| Product or component type | Switch body |
| Performance level | Standard |
| Poles description | 3P |
| Contacts type and composition | 3 NO |
| Network type | AC DC |
| Network frequency | 50/60 Hz |

Complementary

| | |
|--|---|
| Mounting support | Symmetrical rail |
| [Ue] rated operational voltage | 690 V AC 50/60 Hz |
| [Uimp] rated impulse withstand voltage | 6 kV |
| [Ith] conventional free air thermal current | 20 A |
| [Ithe] conventional enclosed thermal current | 16 A |
| [Ie] rated operational current | 11 A (AC-23) at 400 V |
| Rated operational power in W | 11 kW at 690 V (AC-23A) 3 kW at 230...240 V (AC-3) 4 kW at 400...415 V (AC-3) 5.5 kW at 500 V (AC-3) 5.5 kW at 690 V (AC-3) 7.5 kW at 500 V (AC-23A) 4 kW at 230...240 V (AC-23A) 5.5 kW at 400...415 V (AC-23A) |
| Intermittent duty class | 30 |
| Making capacity (I Rms) | 200 A at 400 V AC-21A 200 A at 400 V AC-22A 200 A at 400 V AC-23A |
| [Icm] rated short-circuit making capacity | 0.5 kA at 400 V at Ipeak |
| [Icw] rated short-time withstand Rms current | 140 A at 400 V duration: 1 s |
| Rated conditional short-circuit current | 6 kA at 400 V - associated fuse 20 A aM 6 kA at 400 V - associated fuse 20 A gG |
| Breaking capacity | 200 A at 400 V (AC-21A) 200 A at 400 V (AC-22A) 200 A at 400 V (AC-23A) |
| Mechanical durability | 50000 cycles |

| | |
|----------------------------------|--|
| Electrical durability | 30000 cycles DC-1...5 50000 cycles AC-21 |
| Suitability for isolation | Yes |
| Connections - terminals | Power circuit: screw clamp terminals 4 mm ² - solid Power circuit: screw clamp terminals 4 mm ² - flexible - with cable end |
| Tightening torque | Power circuit: 0.7 N.m - on screw clamp terminals |
| Height | 46.5 mm |
| Width | 56 mm |
| Depth | 62 mm |
| Net weight | 0.11 kg |

Environment

| | |
|--|--|
| Standards | IEC 60947-3 |
| Product certifications | GL UL CSA UKCA |
| Protective treatment | TC |
| IP degree of protection | IP20 conforming to IEC 60529 |
| Mechanical robustness | Shocks 11 ms (15 gn) conforming to IEC 60068-2-27 Vibrations 10...150 Hz (1 gn) conforming to IEC 60068-2-6 |
| Ambient air temperature for operation | -20...50 °C |
| Fire resistance | 960 °C conforming to IEC 60695-2-1 |

Packing Units

| | |
|-------------------------------------|-----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 7.800 cm |
| Package 1 Width | 8.500 cm |
| Package 1 Length | 12.000 cm |
| Package 1 Weight | 119.000 g |
| Unit Type of Package 2 | S03 |
| Number of Units in Package 2 | 24 |
| Package 2 Height | 30.000 cm |
| Package 2 Width | 30.000 cm |
| Package 2 Length | 40.000 cm |
| Package 2 Weight | 3.315 kg |

Logistical informations

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|--------------------------|----|
| Country of origin | CZ |
|--------------------------|----|

Contractual warranty

| | |
|-----------------|-----------|
| Warranty | 18 months |
|-----------------|-----------|



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 | 6 |
| Environmental Disclosure | Product Environmental Profile |

Use Better

Materials and Substances

| | |
|--|--------------------------------------|
| Packaging made with recycled cardboard | Yes |
| Packaging without single use plastic | Yes |
| EU RoHS Directive | Compliant with Exemptions |
| SCIP Number | F532c3bb-07a1-406c-b2d3-1d0f85334c59 |
| REACH Regulation | REACH Declaration |
| Halogen-free status | Halogen free product |
| PVC free | Yes |

Use Again

Repack and remanufacture

| | |
|---------------------------------|---|
| Recyclability potential, in % | 42 |
| 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 |

Technical Illustration

Assembly's dimensions

