

Product datasheet

Specifications



TeSys Vario - switch disconnecter - 125 A - on door

Local distributor code:
403019326

VBF5

EAN Code: 3389110804676

Main

| | |
|--------------------|------------------------------------|
| Range | TeSys |
| Product Name | TeSys VARIO |
| Device Short Name | VBF |
| Device Application | Preventive maintenance |
| Product Type | Emergency stop switch disconnecter |

Complementary

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| Device Composition | Switch Handle |
| Mounting Support | Handle: door Switch: door |
| Mounting Method | By 4 screws for handle |
| Performance Level | High performance |
| Number of Poles | 3P |
| Contact Type and Composition | 3 NO |
| [Ue] IEC Rated Operational Voltage | 690 V AC 50/60 Hz |
| IEC Rated Operational Power in W | 22 kW at 230...240 V (AC-3) 30 kW at 400...415 V (AC-3) 30 kW at 690 V (AC-3) 37 kW at 500 V (AC-3) 37 kW at 690 V (AC-23A) 45 kW at 500 V (AC-23A) 22 kW at 230...240 V (AC-23A) 37 kW at 400...415 V (AC-23A) |
| [Ie] Rated Operational Current | 68.5 A AC-23 Ue: 400 V |
| [Ith] Conventional Free Air Thermal Current | 125 A |
| [Ithe] Conventional Enclosed Thermal Current | 100 A |
| Making Capacity (I Rms) | 1250 A at 400 V AC-21A 1250 A at 400 V AC-22A 1250 A at 400 V AC-23A |
| Breaking Capacity | 1000 A at 400 V (AC-21A) 1000 A at 400 V (AC-22A) 1000 A at 400 V (AC-23A) |
| Rated Conditional Short Circuit Current | 10 kA at 400 V - associated fuse 125 A aM 10 kA at 400 V - associated fuse 125 A gG |
| [Icm] Rated Short Circuit Making Capacity | 2.8 kA at 400 V at Ipeak |
| [Icw] Rated Short Time Withstand Current | 1500 A at 400 V duration: 1 s |

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| [Uimp] Rated Impulse Withstand Voltage | 8 kV |
| Suitability for Isolation | Yes |
| Network Type | AC DC |
| Intermittent Duty Class | 30 |
| Control Type | Rotary handle |
| Rotary Handle Mounting Style | Direct |
| Handle Color | Black |
| Handle Front Plate Color | Yellow |
| Rotary Handle Padlocking | 1 to 3 padlocks 4...8 mm |
| Marking | 0 - 1 |
| Mechanical Durability | 30000 cycles |
| Electrical Durability | 30000 cycles AC-21 30000 cycles DC-1...5 |
| IEC Terminal Connection | Power circuit: screw clamp terminals 95 mm ² - solid Power circuit: screw clamp terminals 70 mm ² - flexible - with cable end |
| Tightening Torque | Power circuit: 22.6 N.m - on screw clamp terminals |
| Base Dimension | 90 x 90 mm |
| Height | 125 mm |
| Width | 90 mm |
| Product Weight | 1.2 kg |

Environment

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| Standards | IEC 60947-3 |
| Product Certifications | CCC UL CSA GL UKCA |
| Degree of Protection | IP20 conforming to IEC 60529 IP65 |
| Protective Treatment | TC |
| Mechanical Robustness | Vibrations 10...150 Hz (1 gn) conforming to IEC 60068-2-6 Shocks 11 ms (30 Gn) conforming to IEC 60068-2-27 |
| Ambient Air Temperature for Operation | -20...50 °C |
| Fire Resistance | 960 °C conforming to IEC 60695-2-1 |
| Compatibility Code | Main switch disconnecter |

Packing Units

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|-------------------------------------|----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 10.0 cm |
| Package 1 Width | 17.0 cm |
| Package 1 Length | 17.5 cm |
| Package 1 Weight | 1.063 kg |

| | |
|-------------------------------------|----------|
| Unit Type of Package 2 | S03 |
| Number of Units in Package 2 | 6 |
| Package 2 Height | 30.0 cm |
| Package 2 Width | 30.0 cm |
| Package 2 Length | 40.0 cm |
| Package 2 Weight | 6.834 kg |

Logistical informations

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 **40**

Environmental Disclosure [Product Environmental Profile](#)

Use Better

Materials and Substances

Packaging made with recycled cardboard **Yes**

Packaging without single use plastic **No**

[EU RoHS Directive](#) **Compliant with Exemptions**

SCIP Number **7e830853-d45f-4937-b6fb-a94dd9fb18f3**

REACH Regulation [REACH Declaration](#)

Use Again

Repack and remanufacture

Recyclability potential, in % **57**

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**