

Product data sheet

Specifications



Switch disconnecter, TeSys Control, for ON/OFF, 175A, 4 screws fixing, for mounting on door

VBF6

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 | Handle Switch |
| 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 | 30 kW at 230...240 V (AC-3) 37 kW at 400...415 V (AC-3) 37 kW at 690 V (AC-3) 45 kW at 500 V (AC-3) 45 kW at 690 V (AC-23A) 55 kW at 500 V (AC-23A) 30 kW at 230...240 V (AC-23A) 45 kW at 400...415 V (AC-23A) |
| [Ie] Rated Operational Current | 83 A AC-23 Ue: 400 V |
| [Ith] Conventional Free Air Thermal Current | 175 A |
| [Ithe] Conventional Enclosed Thermal Current | 140 A |
| Making Capacity (I Rms) | 1750 A at 400 V AC-21A 1750 A at 400 V AC-22A 1750 A at 400 V AC-23A |
| Breaking Capacity | 1400 A at 400 V (AC-21A) 1400 A at 400 V (AC-22A) 1400 A at 400 V (AC-23A) |
| Rated Conditional Short Circuit Current | 10 kA at 400 V - associated fuse 200 A aM 10 kA at 400 V - associated fuse 200 A gG |
| [Icm] Rated Short Circuit Making Capacity | 2.8 kA at 400 V at Ipeak |
| [Icw] Rated Short Time Withstand Current | 2100 A at 400 V duration: 1 s |

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

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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 terminals95 mm² - solid Power circuit: screw clamp terminals70 mm² - 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 | GL CSA CCC UL 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 | 10.000 cm |
| Package 1 Width | 17.000 cm |
| Package 1 Length | 17.500 cm |
| Package 1 Weight | 1.062 kg |

| | |
|------------------------------|-----------|
| Unit Type Of Package 2 | S03 |
| Number Of Units In Package 2 | 6 |
| Package 2 Height | 30.000 cm |
| Package 2 Width | 30.000 cm |
| Package 2 Length | 40.000 cm |
| Package 2 Weight | 6.760 kg |
| Unit Type Of Package 3 | P06 |
| Number Of Units In Package 3 | 48 |
| Package 3 Height | 75.000 cm |
| Package 3 Width | 80.000 cm |
| Package 3 Length | 60.000 cm |
| Package 3 Weight | 62.080 kg |

Contractual warranty

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| Warranty | 18 months |
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Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



Transparency RoHS/REACH

Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information [Yes](#)

Certifications & Standards

| | |
|---------------------------|---|
| Reach Regulation | REACH Declaration |
| Eu Rohs Directive | Compliant with Exemptions |
| China Rohs Regulation | China RoHS declaration Product out of China RoHS scope. Substance declaration for your information |
| Environmental Disclosure | Product Environmental Profile |
| Weee | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |
| Circularity Profile | No need of specific recycling operations |
| California Proposition 65 | WARNING: This product can expose you to chemicals including: Antimony oxide & Antimony trioxide, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov |