

Product data sheet

Characteristics

VBF6

TeSys Vario - switch disconnector - 175 A - on door



Product availability: Stock - Normally stocked in distribution facility

Price*: 612.00 USD

Main

| | |
|---------------------------|------------------------------------|
| Range | TeSys |
| Product name | TeSys VARIO |
| Device short name | VBF |
| Device Application | Preventive maintenance |
| Product or Component Type | Emergency stop switch disconnector |

Complementary

| | |
|--|--|
| Device Composition | Handle Switch |
| Mounting support | Handle door Switch door |
| Fixing mode | By 4 screws handle |
| Performance level | High performance |
| Poles description | 3P |
| Contacts type and composition | 3 NO |
| [Ue] rated operational voltage | 690 V AC 50/60 Hz |
| Rated operational power in W | 30 KW 230...240 V AC-3) 37 KW 400...415 V AC-3) 37 KW 690 V AC-3) 45 KW 500 V AC-3) 45 KW 690 V AC-23A) 55 KW 500 V AC-23A) 30 KW 230...240 V AC-23A) 45 KW 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 | 1750 A 400 V AC-21A 1750 A 400 V AC-22A 1750 A 400 V AC-23A |
| Breaking capacity | 1400 A 400 V AC-21A) 1400 A 400 V AC-22A) 1400 A 400 V AC-23A) |

| | |
|---|--|
| Rated conditional short-circuit current | 10 KA 400 V 200 A aM 10 KA 400 V 200 A gG |
| [Icm] rated short-circuit making capacity | 2.8 KA 400 V at Ipeak |
| [Icw] rated short-time withstand current | 2100 A 400 V 1 s |
| [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 colour | Black |
| Handle front plate colour | Yellow |
| Rotary handle padlocking | 1 to 3 padlocks 0.16...0.31 in (4...8 mm) |
| Marking | 0 - 1 |
| Mechanical durability | 30000 Cycles |
| Electrical durability | 30000 Cycles AC-21 30000 Cycles DC-1...5 |
| Connections - terminals | Power circuit screw clamp terminals 0.15 in ² (95 mm ²) solid Power circuit screw clamp terminals 0.11 in ² (70 mm ²) flexible - with cable end |
| Tightening torque | Power circuit 200.03 lbf.in (22.6 N.m) screw clamp terminals |
| Base dimension | 90 x 90 mm |
| Maximum Height | 4.92 in (125 mm) |
| Maximum Width | 3.54 in (90 mm) |
| Net Weight | 2.65 Lb(US) (1.2 kg) |

Environment

| | |
|---------------------------------------|--|
| Standards | IEC 60947-3 |
| Product Certifications | GL CSA CCC UL |
| IP degree of protection | IP20 conforming to IEC 60529 IP65 |
| Protective treatment | TC |
| Mechanical robustness | Vibrations 10...150 Hz 1 gn) IEC 60068-2-6 Shocks 11 ms 30 Gn) IEC 60068-2-27 |
| Ambient Air Temperature for Operation | -4...122 °F (-20...50 °C) |
| Fire resistance | 1760 °F (960 °C) IEC 60695-2-1 |
| Compatibility code | Main switch disconnector |

Ordering and shipping details

| | |
|-----------------------|------------------------|
| Category | 21730 - V VARIO SWITCH |
| Discount Schedule | CP1 |
| GTIN | 03389110804683 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 2.34 Lb(US) (1.062 kg) |
| Returnability | Yes |
| Country of origin | CZ |

Packing Units

| | |
|------------------------------|-------------------------|
| Unit Type of Package 1 | PCE |
| Package 1 Height | 3.94 In (10 cm) |
| Package 1 width | 6.69 In (17 cm) |
| Package 1 Length | 6.89 In (17.5 cm) |
| Unit Type of Package 2 | S03 |
| Number of Units in Package 2 | 6 |
| Package 2 Weight | 17.78 Lb(US) (8.063 kg) |
| Package 2 Height | 11.81 In (30 cm) |
| Package 2 width | 11.81 In (30 cm) |
| Package 2 Length | 15.75 In (40 cm) |

Offer Sustainability

| | |
|----------------------------|---|
| Sustainable offer status | Green Premium product |
| 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 |
| REACH Regulation | <input checked="" type="checkbox"/> REACH Declaration |
| EU RoHS Directive | Compliant <input checked="" type="checkbox"/> EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | <input checked="" type="checkbox"/> Yes |
| China RoHS Regulation | <input checked="" type="checkbox"/> China RoHS Declaration |
| Environmental Disclosure | <input checked="" type="checkbox"/> Product Environmental Profile |
| WEEE | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins. |

Contractual warranty

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

Product Life Status : **Commercialised**