

Product data sheet

Characteristics

VBF3

TeSys Vario - switch disconnector - 63 A - on door



Product availability: Stock - Normally stocked in distribution facility

Price*: 282.00 USD



Main

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

Complementary

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| Device Composition | Switch Handle |
| 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 | 11 KW 230...240 V AC-3) 22 KW 500 V AC-3) 22 KW 690 V AC-23A) 30 KW 500 V AC-23A) 18.5 KW 400...415 V AC-3) 18.5 KW 690 V AC-3) 15 KW 230...240 V AC-23A) 22 KW 400...415 V AC-23A) |
| [Ie] rated operational current | 41.5 A AC-23 Ue: 400 V |
| [Ith] conventional free air thermal current | 63 A |
| [Ithe] conventional enclosed thermal current | 50 A |
| Making capacity | 630 A 400 V AC-21A 630 A 400 V AC-22A 630 A 400 V AC-23A |
| Breaking capacity | 500 A 400 V AC-21A) 500 A 400 V AC-22A) 500 A 400 V AC-23A) |

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| Rated conditional short-circuit current | 10 KA 400 V 63 A aM 10 KA 400 V 63 A gG |
| [Icm] rated short-circuit making capacity | 2.1 KA 400 V at Ipeak |
| [Icw] rated short-time withstand current | 756 A 400 V 1 s |
| [Uimp] rated impulse withstand voltage | 8 KV |
| Suitability for isolation | Yes |
| Network type | DC AC |
| Intermittent duty class | 30 |
| Control Type | Rotary handle |
| Rotary handle mounting style | Direct |
| Handle colour | Black |
| Handle front plate colour | Black |
| 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 0.04 in ² (25 mm ²) solid Power circuit screw clamp terminals 0.02 in ² (16 mm ²) flexible - with cable end |
| Tightening torque | Power circuit 35.40 lbf.in (4 N.m) screw clamp terminals |
| Base dimension | 60 x 60 mm |
| Maximum Height | 3.27 in (83 mm) |
| Maximum Width | 2.36 in (60 mm) |
| Net Weight | 1.23 Lb(US) (0.56 kg) |

Environment

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|---------------------------------------|--|
| Standards | IEC 60947-3 |
| Product Certifications | CSA UL CCC GL UKCA |
| 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

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|-----------------------|------------------------|
| Category | 21730 - V VARIO SWITCH |
| Discount Schedule | CP1 |
| GTIN | 03389110165975 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 11.99 Oz (339.833 g) |
| Returnability | No |
| Country of origin | CZ |

Packing Units

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|------------------------------|------------------------|
| Unit Type of Package 1 | PCE |
| Package 1 Height | 3.15 In (8 cm) |
| Package 1 width | 3.35 In (8.5 cm) |
| Package 1 Length | 4.72 In (12 cm) |
| Unit Type of Package 2 | S02 |
| Number of Units in Package 2 | 12 |
| Package 2 Weight | 9.97 Lb(US) (4.521 kg) |
| Package 2 Height | 5.91 In (15 cm) |
| Package 2 width | 11.81 In (30 cm) |
| Package 2 Length | 15.75 In (40 cm) |

Offer Sustainability

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|----------------------------|---|
| 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 |
| REACH free of SVHC | Yes |
| EU RoHS Directive | Compliant <input checked="" type="checkbox"/> EU RoHS Declaration |
| Toxic heavy metal free | Yes |
| 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. |
| PVC free | Yes |

Contractual warranty

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| Warranty | 18 months |
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Product Life Status : **Commercialised**