

Product data sheet

Characteristics

VCD1

TeSys Vario - emergency stop switch
disconnecter - 32 A - on door



Main

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|-------------------|------------------------------------|
| Range | TeSys |
| Product Name | TeSys VARIO |
| Device Short Name | VCD |
| Product Type | Emergency stop switch disconnecter |

Complementary

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| Device Composition | Switch Handle |
| Mounting Support | Handle: door Switch: door |
| Mounting Method | Hole with 22.5 mm 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 | 11 KW at 500 V (AC-23A) 15 KW at 690 V (AC-23A) 7.5 KW at 500 V (AC-3) 7.5 KW at 690 V (AC-3) 1.5 KW at 230...240 V (AC-3) 5.5 KW at 230...240 V (AC-23A) 11 KW at 400...415 V (AC-23A) 7.5 kW at 400...415 V (AC-3) |
| [Ie] Rated Operational Current | 21.8 A AC-23 Ue: 400 V |
| [Ith] Conventional Free Air Thermal Current | 32 A |
| [Ithe] Conventional Enclosed Thermal Current | 25 A |
| Making Capacity (I Rms) | 320 A at 400 V AC-21A 320 A at 400 V AC-22A 320 A at 400 V AC-23A |
| Breaking Capacity | 250 A at 400 V (AC-21A) 250 A at 400 V (AC-22A) 250 A at 400 V (AC-23A) |
| Rated Conditional Short Circuit Current | 10 KA at 400 V - associated fuse 35 A aM 10 kA at 400 V - associated fuse 35 A gG |
| [Icm] Rated Short Circuit Making Capacity | 1 kA at 400 V at Ipeak |
| [Icw] Rated Short Time Withstand Current | 384 A at 400 V duration: 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 |

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|------------------------------|---|
| Rotary Handle Mounting Style | Direct |
| Handle Color | Red |
| Handle Front Plate Color | Yellow |
| Rotary Handle Padlocking | 1 to 3 padlocks 4...8 mm |
| Marking | 0 - 1 |
| Mechanical Durability | 100000 cycles |
| Electrical Durability | 100000 Cycles AC-21 30000 cycles DC-1...5 |
| IEC Terminal Connection | Power circuit: screw clamp terminals10 mm ² - solid Power circuit: screw clamp terminals6 mm ² - flexible - with cable end |
| Tightening Torque | Power circuit: 2.1 N.m - on screw clamp terminals |
| Base Dimension | 60 x 60 mm |
| Height | 74 mm |
| Width | 60 mm |
| Product Weight | 0.215 kg |

Environment

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| Standards | IEC 60947-3 |
| Product Certifications | GL CCC CSA UL |
| 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 Weight | 223 g |
| Package 1 Height | 7.8 cm |
| Package 1 width | 8.4 cm |
| Package 1 Length | 12.1 cm |
| Unit Type of Package 2 | S03 |
| Number of Units in Package 2 | 24 |
| Package 2 Weight | 5.834 kg |
| Package 2 Height | 30 cm |
| Package 2 width | 30 cm |
| Package 2 Length | 40 cm |
| Unit Type of Package 3 | P06 |
| Number of Units in Package 3 | 192 |
| Package 3 Weight | 57.02 kg |
| Package 3 Height | 80 cm |
| Package 3 width | 80 cm |
| Package 3 Length | 60 cm |

Offer Sustainability

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|-----------------------------|---|
| Sustainable offer status | Green Premium product |
| REACH Regulation | REACH Declaration |
| REACH free of SVHC | Yes |
| EU RoHS Directive | Compliant EU RoHS Declaration |
| Toxic heavy metal free | Yes |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| China RoHS Regulation | China RoHS Declaration |
| 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 |
| PVC free | Yes |
| Halogen content performance | Halogen free product |

Contractual warranty

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| Warranty | 18 months |
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