

Product data sheet

Specifications



TeSys Vario - emergency stop switch disconnecter - 12 A - on door

VCD02

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 | 3 kW at 400...415 V (AC-3) 4 kW at 500 V (AC-3) 1.5 kW at 230...240 V (AC-3) 5.5 kW at 500 V (AC-23A) 5.5 kW at 690 V (AC-3) 7.5 kW at 690 V (AC-23A) 3 kW at 230...240 V (AC-23A) 4 kW at 400...415 V (AC-23A) |
| [Ie] Rated Operational Current | 8.1 A AC-23 Ue: 400 V |
| [Ith] Conventional Free Air Thermal Current | 12 A |
| [Ithe] Conventional Enclosed Thermal Current | 10 A |
| Making Capacity (I Rms) | 120 A at 400 V AC-21A 120 A at 400 V AC-22A 120 A at 400 V AC-23A |
| Breaking Capacity | 120 A at 400 V (AC-21A) 120 A at 400 V (AC-22A) 120 A at 400 V (AC-23A) |
| Rated Conditional Short Circuit Current | 10 kA at 400 V - associated fuse 12 A aM 10 kA at 400 V - associated fuse 12 A gG |
| [Icm] Rated Short Circuit Making Capacity | 1 kA at 400 V at Ipeak |

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| [Icw] Rated Short Time Withstand Current | 300 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 |
| 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 30000 cycles DC-2 30000 cycles DC-3 30000 cycles DC-4 30000 cycles DC-5 |
| IEC Terminal Connection | Power circuit: screw clamp terminals10 mm² - solid Power circuit: screw clamp terminals6 mm² - 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 | CSA UL GL CCC 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 Weight | 221 g |
| Package 1 Height | 7.8 cm |
| Package 1 width | 8.5 cm |

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|------------------------------|----------|
| Package 1 Length | 12 cm |
| Unit Type of Package 2 | S03 |
| Number of Units in Package 2 | 24 |
| Package 2 Weight | 5.795 kg |
| Package 2 Height | 30 cm |
| Package 2 width | 30 cm |
| Package 2 Length | 40 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 Pro-active China RoHS declaration (out of China RoHS legal scope) |
| 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 |
| 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 |

Contractual warranty

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| Warranty | 18 months |
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