

Product data sheet

Characteristics

VCDO

TeSys Vario - emergency stop switch disconnector - 25 A - on door



Main

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

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) 11 KW at 690 V (AC-3) 15 KW at 690 V (AC-23A) 4 KW at 230...240 V (AC-3) 5.5 KW at 400...415 V (AC-3) 7.5 KW at 500 V (AC-3) 5.5 KW at 230...240 V (AC-23A) 7.5 kW at 400...415 V (AC-23A) |
| [Ie] Rated Operational Current | 14.5 A AC-23 Ue: 400 V |
| [Ith] Conventional Free Air Thermal Current | 25 A |
| [Ithe] Conventional Enclosed Thermal Current | 20 A |
| Making Capacity (I Rms) | 250 A at 400 V AC-21A 250 A at 400 V AC-22A 250 A at 400 V AC-23A |
| Breaking Capacity | 200 A at 400 V (AC-21A) 200 A at 400 V (AC-22A) 200 A at 400 V (AC-23A) |
| Rated Conditional Short Circuit Current | 10 KA at 400 V - associated fuse 25 A aM 10 kA at 400 V - associated fuse 25 A gG |
| [Icm] Rated Short Circuit Making Capacity | 1 kA at 400 V at Ipeak |
| [Icw] Rated Short Time Withstand Current | 300 A at 400 V duration: 1 s |
| [Uiimp] 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 |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

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|--------------------------|---|
| 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 terminals 10 mm ² - solid Power circuit: screw clamp terminals 6 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 | CCC CSA GL 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 disconnector |

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 | 8.5 cm |
| Package 1 width | 8.6 cm |
| Package 1 Length | 12.5 cm |
| Unit Type of Package 2 | S03 |
| Number of Units in Package 2 | 24 |
| Package 2 Weight | 5.786 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 | 56.636 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 |

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|-----------------------------|---|
| 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 |
| Halogen content performance | Halogen free product |

Contractual warranty

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| Warranty | 18 months |
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