



Main

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| Range | TeSys |
| Product name | TeSys VARIO |
| Device short name | VVD |
| Device application | Preventive maintenance |
| Product or component type | Switch disconnecter |
| Performance level | High performance |
| Poles description | 3P |
| Contacts type and composition | 3 NO |
| Network type | DC AC |
| Control type | Rotary handle |
| Rotary handle mounting style | Direct |
| Handle colour | Black |
| Handle front plate colour | Black |
| Suitability for isolation | Yes |

Complementary

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| Rotary handle padlocking | Without |
| Marking | 0 - 1 |
| Mounting support | Switch symmetrical rail Switch plate |
| Fixing mode | By clips switch By screws switch |
| [Ue] rated operational voltage | 690 V AC 50/60 Hz |
| [Uimp] rated impulse withstand voltage | 8 kV |
| [Ith] conventional free air thermal current | 63 A |
| [Ithe] conventional enclosed thermal current | 50 A |
| [Ie] rated operational current | 41.5 A AC-23 Ue: 400 V |
| 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) |
| Intermittent duty class | 30 |
| Making capacity (I Rms) | 630 A 400 V AC-21A 630 A 400 V AC-22A 630 A 400 V AC-23A |
| [Icm] rated short-circuit making capacity | 2.1 kA 400 V at Ipeak |
| [Icw] rated short-time withstand Rms current | 756 A 400 V 1 s |
| Rated conditional short-circuit current | 10 KA 400 V 63 A aM 10 kA 400 V 63 A gG |
| Breaking capacity | 500 A 400 V AC-21A) 500 A 400 V AC-22A) 500 A 400 V AC-23A) |

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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| Device composition | Handle Switch |
| 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 |
| Handle front plate dimension | 45 x 45 mm |
| Maximum Height | 3.27 in (83 mm) |
| Maximum Width | 2.36 in (60 mm) |
| Maximum Depth | 4.33 in (110 mm) |
| Net Weight | 1.23 lb(US) (0.56 kg) |

Environment

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| Standards | IEC 60947-3 |
| Product certifications | CSA UL GL |
| Protective treatment | TC |
| IP degree of protection | IP65 IP65 IEC 60529 |
| 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 |

Ordering and shipping details

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| Category | 21730 - V VARIO SWITCH |
| Discount Schedule | CP1 |
| GTIN | 00785901703426 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 0.89 lb(US) (0.40 kg) |
| Returnability | No |
| Country of origin | CZ |

Packing Units

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| Package 1 Height | 0.830 dm |
| Package 1 width | 0.780 dm |
| Package 1 Length | 1.100 dm |

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 Carcinogen harm. For more information go to www.p65warnings.ca.gov |
| 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. |

Contractual warranty

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| Warranty | 18 months |
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