

V0

TeSys VARIO - Switch body for switch-disconnector - 3 poles - 25 A



Main

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| Range | TeSys |
| Product Name | TeSys VARIO |
| Device Short Name | V |
| Product Type | Switch body |

Complementary

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| Mounting Support | Symmetrical rail Plate |
| Performance Level | High performance |
| Number of Poles | 3P |
| Contact Type and Composition | 3 NO |
| Network type | AC DC |
| Network frequency | 50/60 Hz |
| [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 |

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| | 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 I _{peak} |
| Intermittent duty class | 30 |
| Suitability for isolation | Yes |
| [Uimp] rated impulse withstand voltage | 8 kV |
| [Icw] rated short-time withstand Rms current | 300 A at 400 V duration: 1 s |
| 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 |
| Height | 74 mm |
| Width | 55 mm |
| Depth | 60 mm |
| Product Weight | 0.2 kg |

Environment

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| Standards | IEC 60947-3 |
| Product Certifications | UL CSA GL UKCA |
| Degree of Protection | IP20 conforming to IEC 60529 |
| 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 |

Packing Units

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| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Weight | 174 g |
| Package 1 Height | 12 cm |
| Package 1 width | 8.4 cm |
| Package 1 Length | 8.2 cm |
| Unit Type of Package 2 | S03 |
| Number of Units in Package 2 | 24 |
| Package 2 Weight | 4.668 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 | 46.46 kg |
| Package 3 Height | 80 cm |
| Package 3 width | 80 cm |

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| Package 3 Length | 60 cm |
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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 |

Contractual warranty

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| Warranty | 12 months |
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