



Main

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| Range | TeSys |
| Product name | TeSys VARIO |
| Device short name | V |
| Product or component type | Switch body |
| Performance level | High performance |
| Poles description | 3P |
| Contacts type and composition | 3 NO |
| Network type | AC DC |
| Network frequency | 50/60 Hz |
| Suitability for isolation | Yes |

Complementary

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| Mounting support | Plate Symmetrical rail |
| [Ue] rated operational voltage | 690 V AC 50/60 Hz |
| [Uimp] rated impulse withstand voltage | 8 kV |
| [Ith] conventional free air thermal current | 40 A |
| [Ithe] conventional enclosed thermal current | 32 A |
| [Ie] rated operational current | 29 A AC-23 Ue: 400 V |
| Rated operational power in W | 11 kW at 400...415 V (AC-3) 11 kW at 690 V (AC-3) 15 kW at 500 V (AC-3) 15 kW at 690 V (AC-23A) 18.5 kW at 500 V (AC-23A) 5.5 kW at 230...240 V (AC-3) 7.5 kW at 230...240 V (AC-23A) 15 kW at 400...415 V (AC-23A) |

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| Intermittent duty class | 30 |
| Making capacity (I Rms) | 400 A at 400 V AC-21A 400 A at 400 V AC-22A 400 A at 400 V AC-23A |
| [Icm] rated short-circuit making capacity | 1 kA at 400 V at Ipeak |
| [Icw] rated short-time withstand Rms current | 480 A at 400 V duration: 1 s |
| Rated conditional short-circuit current | 10 kA at 400 V - associated fuse 50 A aM 10 kA at 400 V - associated fuse 50 A gG |
| Breaking capacity | 320 A at 400 V (AC-21A) 320 A at 400 V (AC-22A) 320 A at 400 V (AC-23A) |
| Mechanical durability | 100000 cycles |
| Electrical durability | 100000 cycles AC-21 30000 cycles DC-1...5 |
| Connections - terminals | 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 |
| Net weight | 0.2 kg |

Environment

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| Standards | IEC 60947-3 |
| Product certifications | UL CSA GL |
| Protective treatment | TC |
| IP degree of protection | IP20 conforming to IEC 60529 |
| 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 |

Offer Sustainability

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| Sustainable offer status | Green Premium product |
| 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 |
| Circularity Profile | No need of specific recycling operations |
| 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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