



Main

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| Range | TeSys |
| Product name | TeSys VARIO |
| 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 |

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 | 12 A |
| [Ithe] conventional enclosed thermal current | 10 A |
| [Ie] rated operational current | 8.1 A (AC-23) at 400 V |
| Rated operational power in W | 4 kW at 400...415 V (AC-23A) 3 kW at 230...240 V (AC-23A) 7.5 kW at 690 V (AC-23A) 5.5 kW at 690 V (AC-3) 5.5 kW at 500 V (AC-23A) 1.5 kW at 230...240 V (AC-3) 4 kW at 500 V (AC-3) 3 kW at 400...415 V (AC-3) |
| Intermittent duty class | 30 |
| Making capacity (I Rms) | 120 A 400 V (AC-23A) 120 A 400 V (AC-22A) 120 A 400 V (AC-21A) |
| [Icm] rated short-circuit making capacity | 1 kA 400 V at Ipeak |
| [Icw] rated short-time withstand Rms current | 300 A 400 V during 1 s |
| Rated conditional short-circuit current | 10 kA 400 V - associated fuse 12 A gG 10 kA 400 V - associated fuse 12 A aM |
| Breaking capacity | 120 A 400 V AC-23A 120 A 400 V AC-22A 120 A 400 V AC-21A |
| Mechanical durability | 100000 cycles |
| Electrical durability | 30000 cycles DC-5 30000 cycles DC-4 30000 cycles DC-3 30000 cycles DC-2 30000 cycles DC-1 100000 cycles AC-21 |
| Suitability for isolation | Yes |
| Connections - terminals | Power circuit : screw clamp terminals cable 6 mm ² - cable stiffness: flexible - with cable end cable end Power circuit : screw clamp terminals cable 10 mm ² - cable stiffness: solid - |
| Tightening torque | Power circuit : 2.1 N.m - on screw clamp terminals |
| Height | 74 mm |

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| Width | 55 mm |
| Depth | 60 mm |
| Product weight | 0.2 kg |

Environment

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| Standards | IEC 60947-3 |
| Product certifications | CSA GL UL |
| Protective treatment | TC |
| IP degree of protection | IP20 conforming to IEC 60529 |
| Mechanical robustness | Shocks 11 ms 30 Gn IEC 60068-2-27 Vibrations 10...150 Hz 1 gn IEC 60068-2-6 |
| 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 |
| RoHS (date code: YYWW) | Compliant - since 0730 - Schneider Electric declaration of conformity |
| REACH | Reference not containing SVHC above the threshold |
| Product environmental profile | Available Download Product Environmental |
| Product end of life instructions | Need no specific recycling operations |