



### Main

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

### Complementary

|  |  |
|--|--|
| Mounting Support                             | Symmetrical rail<br>Plate  |
| Performance Level                            | High performance   |
| Number of Poles                              | 3P   |
| Contact Type and Composition                 | 3 NO   |
| Network type                                 | AC<br>DC   |
| Network frequency                            | 50/60 Hz   |
| [Ue] IEC Rated Operational Voltage           | 690 V AC 50/60 Hz  |
| IEC Rated Operational Power in W             | 22 KW at 230...240 V (AC-3)<br>30 KW at 400...415 V (AC-3)<br>30 KW at 690 V (AC-3)<br>37 KW at 500 V (AC-3)<br>37 KW at 690 V (AC-23A)<br>45 KW at 500 V (AC-23A)<br>22 KW at 230...240 V (AC-23A)<br>37 kW at 400...415 V (AC-23A) |
| [Ie] Rated Operational Current               | 68.5 A AC-23 Ue: 400 V   |
| [Ith] Conventional Free Air Thermal Current  | 125 A  |
| [Ithe] Conventional Enclosed Thermal Current | 100 A  |
| Making capacity ( I Rms)                     | 1250 A at 400 V AC-21A<br>1250 A at 400 V AC-22A<br>1250 A at 400 V AC-23A   |
| Breaking Capacity                            | 1000 A at 400 V (AC-21A)<br>1000 A at 400 V (AC-22A)<br>1000 A at 400 V (AC-23A)   |
| Rated Conditional Short Circuit Current      | 10 KA at 400 V - associated fuse 125 A aM<br>10 kA at 400 V - associated fuse 125 A gG   |
| [Icm] Rated Short Circuit Making Capacity    | 2.8 kA at 400 V at Ipeak   |
| Intermittent duty class                      | 30   |
| Suitability for isolation                    | Yes  |
| [Uimp] rated impulse withstand voltage       | 8 kV   |
| [Icw] rated short-time withstand Rms current | 1500 A at 400 V duration: 1 s  |
| Mechanical Durability                        | 30000 cycles   |
| Electrical Durability                        | 30000 Cycles AC-21<br>30000 cycles DC-1...5  |
| IEC Terminal Connection                      | Power circuit: screw clamp terminals 70 mm <sup>2</sup> - flexible - with cable end<br>Power circuit: screw clamp terminals 95 mm <sup>2</sup> - solid   |
| Tightening Torque                            | Power circuit: 22.6 N.m - on screw clamp terminals   |

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.

|                |        |
|----------------|--------|
| Height         | 125 mm |
| Width          | 90 mm  |
| Depth          | 90 mm  |
| Product Weight | 0.9 kg |





## Environment

|                                       |  |
|---------------------------------------|--|
| Standards                             | IEC 60947-3  |
| Product Certifications                | UL[RETURN]CSA[RETURN]GL[RETURN]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<br>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

|                              |            |
|------------------------------|------------|
| Unit Type of Package 1       | PCE        |
| Number of Units in Package 1 | 1          |
| Package 1 Height             | 10.4 cm    |
| Package 1 Width              | 11.4 cm    |
| Package 1 Length             | 13.3 cm    |
| Package 1 Weight             | 903.0 g    |
| Unit Type of Package 2       | S02        |
| Number of Units in Package 2 | 6          |
| Package 2 Height             | 15.0 cm    |
| Package 2 Width              | 30.0 cm    |
| Package 2 Length             | 40.0 cm    |
| Package 2 Weight             | 5.761 kg   |
| Unit Type of Package 3       | P06        |
| Number of Units in Package 3 | 96         |
| Package 3 Height             | 75.0 cm    |
| Package 3 Width              | 60.0 cm    |
| Package 3 Length             | 80.0 cm    |
| Package 3 Weight             | 100.176 kg |

## Offer Sustainability

|                             |   |
|-----------------------------|---|
| Sustainable offer status    | Green Premium product   |
| REACH Regulation            |  <a href="#">REACH Declaration</a>             |
| EU RoHS Directive           | Compliant with Exemptions   |
| Toxic heavy metal free      | Yes   |
| Mercury free                | Yes   |
| China RoHS Regulation       |  <a href="#">China RoHS Declaration</a>        |
| RoHS exemption information  |  <a href="#">Yes</a>                           |
| Environmental Disclosure    |  <a href="#">Product Environmental Profile</a> |
| 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       |
| PVC free                    | Yes   |
| Halogen content performance | Halogen free product  |

## Contractual warranty

|          |           |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|