



### Main

|                               |                                    |
|-------------------------------|------------------------------------|
| Range                         | TeSys                              |
| Product name                  | TeSys VARIO                        |
| Device short name             | VCD                                |
| Product or component type     | Emergency stop switch disconnector |
| Performance level             | High performance                   |
| Poles description             | 3P                                 |
| Contacts type and composition | 3 NO                               |
| Network type                  | DC<br>AC                           |
| Control type                  | Rotary handle                      |
| Rotary handle mounting style  | Direct                             |
| Handle colour                 | Red                                |
| Handle front plate colour     | Yellow                             |
| Suitability for isolation     | Yes                                |

### Complementary

|  |                              |
|--|------------------------------|
| Rotary handle padlocking                     | 1 to 3 padlocks 4...8 mm     |
| Marking                                      | 0 - 1                        |
| Mounting support                             | Handle: door<br>Switch: door |
| Fixing mode                                  | Hole with 22.5 mm for handle |
| [Ue] rated operational voltage               | 690 V AC 50/60 Hz            |
| [Uimp] rated impulse withstand voltage       | 8 kV                         |
| [Ith] conventional free air thermal current  | 32 A                         |
| [Ithe] conventional enclosed thermal current | 25 A                         |

|   |   |
|---|---|
| [I <sub>e</sub> ] rated operational current               | 21.8 A AC-23 U <sub>e</sub> : 400 V   |
| Rated operational power in W                              | 11 kW at 500 V (AC-23A)<br>15 kW at 690 V (AC-23A)<br>7.5 kW at 500 V (AC-3)<br>7.5 kW at 690 V (AC-3)<br>1.5 kW at 230...240 V (AC-3)<br>5.5 kW at 230...240 V (AC-23A)<br>11 kW at 400...415 V (AC-23A)<br>7.5 kW at 400...415 V (AC-3) |
| Intermittent duty class                                   | 30  |
| Making capacity ( I Rms)                                  | 320 A at 400 V AC-21A<br>320 A at 400 V AC-22A<br>320 A at 400 V AC-23A   |
| [I <sub>cm</sub> ] rated short-circuit making capacity    | 1 kA at 400 V at I <sub>peak</sub>  |
| [I <sub>cw</sub> ] rated short-time withstand Rms current | 384 A at 400 V duration: 1 s  |
| Rated conditional short-circuit current                   | 10 kA at 400 V - associated fuse 35 A aM<br>10 kA at 400 V - associated fuse 35 A gG  |
| Breaking capacity   | 250 A at 400 V (AC-21A)<br>250 A at 400 V (AC-22A)<br>250 A at 400 V (AC-23A)   |
| Device composition  | Switch<br>Handle  |
| Mechanical durability                                     | 100000 cycles   |
| Electrical durability                                     | 100000 cycles AC-21<br>30000 cycles DC-1...5  |
| Connections - terminals                                   | Power circuit: screw clamp terminals 10 mm <sup>2</sup> - solid<br>Power circuit: screw clamp terminals 6 mm <sup>2</sup> - flexible - with cable end   |
| Tightening torque   | Power circuit: 2.1 N.m - on screw clamp terminals   |
| Handle front plate dimension                              | 60 x 60 mm  |
| Height  | 74 mm   |
| Width   | 60 mm   |
| Net weight  | 0.215 kg  |

## Environment

|                                       |  |
|---------------------------------------|--|
| Standards                             | IEC 60947-3  |
| Product certifications                | GL<br>CCC<br>CSA<br>UL   |
| Protective treatment                  | TC   |
| IP degree of protection               | IP20 conforming to IEC 60529<br>IP65   |
| 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 Weight             | 223 g    |
| Package 1 Height             | 7.8 cm   |
| Package 1 width              | 8.4 cm   |
| Package 1 Length             | 12.1 cm  |
| Unit Type of Package 2       | S03      |
| Number of Units in Package 2 | 24       |
| Package 2 Weight             | 5.834 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             | 57.02 kg |
| Package 3 Height             | 80 cm    |
| Package 3 width              | 80 cm    |
| Package 3 Length             | 60 cm    |

### Offer Sustainability

|                             |   |
|-----------------------------|---|
| Sustainable offer status    | Green Premium product   |
| REACH Regulation            | <a href="#">REACH Declaration</a>   |
| REACH free of SVHC          | Yes   |
| EU RoHS Directive           | Compliant<br><a href="#">EU RoHS Declaration</a>  |
| Toxic heavy metal free      | Yes   |
| Mercury free                | Yes   |
| RoHS exemption information  | <a href="#">Yes</a>   |
| China RoHS Regulation       | <a href="#">China RoHS declaration</a><br>Pro-active China RoHS declaration (out of China RoHS legal scope)   |
| Environmental Disclosure    | <a href="#">Product Environmental Profile</a>   |
| 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  |
| 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 cancer. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |

### Contractual warranty

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