



### Main

|                   |                                    |
|-------------------|------------------------------------|
| Range             | TeSys                              |
| Product Name      | TeSys VARIO                        |
| Device Short Name | VCCD                               |
| Product Type      | Emergency stop switch disconnecter |

### Complementary

|  |  |
|--|--|
| Device Composition                           | Switch<br>Handle<br>Shaft extension  |
| Mounting Support                             | Handle: door<br>Switch: symmetrical rail<br>Switch: plate  |
| Mounting Method                              | Hole with 22.5 mm for handle<br>By clips for switch<br>By screws for switch  |
| Performance Level                            | High performance   |
| Number of Poles                              | 3P   |
| Contact Type and Composition                 | 3 NO   |
| [Ue] IEC Rated Operational Voltage           | 690 V AC 50/60 Hz  |
| IEC Rated Operational Power in W             | 3 KW at 400...415 V (AC-3)<br>4 KW at 500 V (AC-3)<br>1.5 KW at 230...240 V (AC-3)<br>5.5 KW at 500 V (AC-23A)<br>5.5 KW at 690 V (AC-3)<br>7.5 KW at 690 V (AC-23A)<br>3 KW at 230...240 V (AC-23A)<br>4 kW at 400...415 V (AC-23A) |
| [Ie] Rated Operational Current               | 8.1 A AC-23 Ue: 400 V  |
| [Ith] Conventional Free Air Thermal Current  | 12 A   |
| [Ithe] Conventional Enclosed Thermal Current | 10 A   |
| Making Capacity ( I Rms)                     | 120 A at 400 V AC-21A<br>120 A at 400 V AC-22A<br>120 A at 400 V AC-23A  |
| Breaking Capacity                            | 120 A at 400 V (AC-21A)<br>120 A at 400 V (AC-22A)<br>120 A at 400 V (AC-23A)  |
| Rated Conditional Short Circuit Current      | 10 KA at 400 V - associated fuse 12 A aM<br>10 kA at 400 V - associated fuse 12 A gG   |
| [Icm] Rated Short Circuit Making Capacity    | 1 kA at 400 V at Ipeak   |
| [Icw] Rated Short Time Withstand Current     | 300 A at 400 V duration: 1 s   |
| [Uimp] Rated Impulse Withstand Voltage       | 8 kV   |
| Suitability for Isolation                    | Yes  |
| Network Type                                 | AC<br>DC   |
| Intermittent Duty Class                      | 30   |
| Control Type                                 | Rotary handle  |

|                              |   |
|------------------------------|---|
| Rotary Handle Mounting Style | Extended  |
| Handle Color                 | Red   |
| Handle Front Plate Color     | Yellow  |
| Rotary Handle Padlocking     | 1 to 3 padlocks 4...8 mm  |
| Marking                      | 0 - 1   |
| Mechanical Durability        | 100000 cycles   |
| Electrical Durability        | 100000 Cycles AC-21<br>30000 Cycles DC-1<br>30000 Cycles DC-2<br>30000 Cycles DC-3<br>30000 Cycles DC-4<br>30000 cycles DC-5                        |
| IEC Terminal Connection      | Power circuit: screw clamp terminals10 mm <sup>2</sup> - solid<br>Power circuit: screw clamp terminals6 mm <sup>2</sup> - flexible - with cable end |
| Tightening Torque            | Power circuit: 2.1 N.m - on screw clamp terminals   |
| Base Dimension               | 60 x 60 mm  |
| Height                       | 74 mm   |
| Width                        | 60 mm   |
| Product Weight               | 0.392 kg  |



## Environment

|                                       |  |
|---------------------------------------|--|
| Standards                             | IEC 60947-3  |
| Product Certifications                | GL<br>UL<br>CSA<br>CCC   |
| Degree of Protection                  | IP20 conforming to IEC 60529<br>IP65   |
| 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   |
| Compatibility Code                    | Main switch disconnecter   |

## Packing Units

|                              |         |
|------------------------------|---------|
| Unit Type of Package 1       | PCE     |
| Number of Units in Package 1 | 1       |
| Package 1 Weight             | 347.9 g |
| Package 1 Height             | 7.5 cm  |
| Package 1 width              | 8.7 cm  |
| Package 1 Length             | 25.2 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  <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>        |
| 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  |

Contractual warranty

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