



### Main

|                               |                                    |
|-------------------------------|------------------------------------|
| Range                         | TeSys                              |
| Product name                  | TeSys VARIO                        |
| Device short name             | VCF                                |
| Product or component type     | Emergency stop switch disconnecter |
| 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 mounting on door<br>Switch mounting on door |
| Fixing mode                                  | By 4 screws 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  | 63 A   |
| [Ithe] conventional enclosed thermal current | 50 A   |
| [Ie] rated operational current               | 41.5 A (AC-23) at 400 V                            |
| Rated operational power in W                 | 11 kW at 230...240 V (AC-3)                        |

|  |   |
|--|---|
|  | 22 kW at 500 V (AC-3)<br>22 kW at 690 V (AC-23A)<br>30 kW at 500 V (AC-23A)<br>18.5 kW at 400...415 V (AC-3)<br>18.5 kW at 690 V (AC-3)<br>15 kW at 230...240 V (AC-23A)<br>22 kW at 400...415 V (AC-23A) |
| Intermittent duty class                      | 30  |
| Making capacity ( I Rms)                     | 630 A at 400 V (AC-21A)<br>630 A at 400 V (AC-22A)<br>630 A at 400 V (AC-23A)   |
| [Icm] rated short-circuit making capacity    | 2.1 kA at 400 V at Ipeak  |
| [Icw] rated short-time withstand Rms current | 756 A at 400 V during 1 s   |
| Rated conditional short-circuit current      | 10 kA at 400 V - associated fuse 63 A aM<br>10 kA at 400 V - associated fuse 63 A gG  |
| Breaking capacity                            | 500 A at 400 V AC-21A<br>500 A at 400 V AC-22A<br>500 A at 400 V AC-23A   |
| Device composition                           | Handle<br>Switch  |
| Mechanical durability                        | 30000 cycles  |
| Electrical durability                        | 30000 cycles DC-1...5<br>30000 cycles AC-21   |
| Connections - terminals                      | Power circuit : screw clamp terminals cable 16 mm <sup>2</sup> - cable stiffness: flexible - with cable end<br>Power circuit : screw clamp terminals cable 25 mm <sup>2</sup> - cable stiffness: solid    |
| Tightening torque                            | Power circuit : 4 N.m - on screw clamp terminals  |
| Handle front plate dimension                 | 60 x 60 mm  |
| Height                                       | 83 mm   |
| Width  | 60 mm   |
| Product weight                               | 0.56 kg   |

## Environment

|                                       |  |
|---------------------------------------|--|
| Standards                             | IEC 60947-3  |
| Product certifications                | CCC<br>CSA<br>UL<br>GL   |
| Protective treatment                  | TC   |
| IP degree of protection               | IP65<br>IP20 conforming to IEC 60529   |
| Mechanical robustness                 | Vibrations 10...150 Hz 1 gn IEC 60068-2-6<br>Shocks 11 ms 30 Gn IEC 60068-2-27 |
| Ambient air temperature for operation | -20...50 °C  |
| Fire resistance                       | 960 °C conforming to IEC 60695-2-1   |

## Offer Sustainability

|                                  |   |
|----------------------------------|---|
| Sustainable offer status         | Green Premium product   |
| RoHS (date code: YYWW)           | Compliant - since 0733 - Schneider Electric declaration of conformity<br><a href="#">Schneider Electric declaration of conformity</a> |
| REACH                            | Reference not containing SVHC above the threshold<br><a href="#">Reference not containing SVHC above the threshold</a>                |
| Product environmental profile    | Available   |
| Product end of life instructions | Need no specific recycling operations   |

## Contractual warranty

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