



### 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                  | AC<br>DC                           |
| 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  | 175 A                                                                                                                                                                                                                                |
| [Ithe] conventional enclosed thermal current | 140 A                                                                                                                                                                                                                                |
| [Ie] rated operational current               | 83 A (AC-23) at 400 V                                                                                                                                                                                                                |
| Rated operational power in W                 | 30 kW at 230...240 V (AC-3)<br>37 kW at 400...415 V (AC-3)<br>37 kW at 690 V (AC-3)<br>45 kW at 500 V (AC-3)<br>45 kW at 690 V (AC-23A)<br>55 kW at 500 V (AC-23A)<br>30 kW at 230...240 V (AC-23A)<br>45 kW at 400...415 V (AC-23A) |
| Intermittent duty class                      | 30                                                                                                                                                                                                                                   |
| Making capacity                              | 1750 A at 400 V (AC-21A)<br>1750 A at 400 V (AC-22A)<br>1750 A at 400 V (AC-23A)                                                                                                                                                     |
| [Icm] rated short-circuit making capacity    | 2.8 kA at 400 V at I <sub>peak</sub>                                                                                                                                                                                                 |
| [Icw] rated short-time withstand current     | 2100 A at 400 V during 1 s                                                                                                                                                                                                           |
| Rated conditional short-circuit current      | 10 kA at 400 V - associated fuse 200 A aM<br>10 kA at 400 V - associated fuse 200 A gG                                                                                                                                               |
| Breaking capacity                            | 1400 A at 400 V AC-21A<br>1400 A at 400 V AC-22A<br>1400 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 70 mm <sup>2</sup> - cable stiffness: flexible - with cable end<br>Power circuit : screw clamp terminals cable 95 mm <sup>2</sup> - cable stiffness: solid |
| Tightening torque       | Power circuit : 22.6 N.m - on screw clamp terminals                                                                                                                                                    |
| Base dimension          | 90 x 90 mm                                                                                                                                                                                             |
| Height                  | 125 mm                                                                                                                                                                                                 |
| Width                   | 90 mm                                                                                                                                                                                                  |
| Product weight          | 1.2 kg                                                                                                                                                                                                 |

## Environment

|                                       |                                                                                |
|---------------------------------------|--------------------------------------------------------------------------------|
| standards                             | IEC 60947-3                                                                    |
| product certifications                | CCC<br>CSA<br>GL<br>UL                                                         |
| 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 0738 - Schneider Electric declaration of conformity |
| REACH                            | Reference not containing SVHC above the threshold                     |
| Product environmental profile    | Available                                                             |
| Product end of life instructions | Need no specific recycling operations                                 |