# Product datasheet

Specifications

## TeSys Vario enclosed, emergency switch disconnector, 100A, IP65, long handle

Local distributor code:

393520161 VCF5GEN

**EAN Code: 3389119413213**

## Main

| | |
|---|---|
| **Range** | TeSys |
| **Product Name** | TeSys VARIO |
| **Device Short Name** | VCF |
| **Product Or Component Type** | Enclosed emergency stop switch disconnector |
| **Performance Level** | High performance |
| **Poles Description** | 3P |
| **Control Type** | Rotary handle |
| **Type Of Operator** | Long handle |
| **Handle Colour** | Red |
| **Handle Front Plate Colour** | Yellow |
| **Rotary Handle Padlocking** | 1 to 3 padlocks 4…8 mm |

## Complementary

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|---|---|
| **Marking** | 0 - 1 |
| **[Ue] Rated Operational Voltage** | 690 V AC |
| **[Uimp] Rated Impulse Withstand Voltage** | 8 kV |
| **[Ithe] Conventional Enclosed Thermal Current** | 100 A |
| **[Ie] Rated Operational Current** | 68.5 A (AC-23A) at 400 V |
| **Rated Operational Power In W** | 37 kW at 400 V (AC-23)<br>30 kW at 400 V (AC-3) |
| **Intermittent Duty Class** | 30 |
| **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 |
| **[Icm] Rated Short-Circuit Making Capacity** | 2.8 kA at 400 V at Ipeak |
| **[Icw] Rated Short-Time Withstand Rms Current** | 1500 A at 400 V duration: 1 s |
| **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 |
| **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) |
| **Mechanical Durability** | 30000 cycles |
| **Electrical Durability** | 30000 cycles AC-21<br>30000 cycles DC-1...5 |

Disclaimer: 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

| | |
|---|---|
| **Environmental Characteristic** | Standard environment |
| **Suitability For Isolation** | Yes |
| **Connections - Terminals** | Screw clamp terminals70 mm² - flexible - with cable end<br>Screw clamp terminals95 mm² - solid |
| **Tightening Torque** | 22.6 N.m - on screw clamp terminals |
| **Fire Resistance** | 960 °C conforming to IEC 60595-2-1 |
| **Handle Front Plate Dimension** | 90 x 90 mm |
| **Height** | 291 mm |
| **Width** | 241 mm |
| **Depth** | 191 mm |
| **Net Weight** | 2.19 kg |

## Environment

| | |
|---|---|
| **Standards** | IEC 60947-4-1<br>IEC 60204 |
| **Protective Treatment** | TC |
| **Ip Degree Of Protection** | IP65 conforming to IEC 60529 |
| **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 |

## Packing Units

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|---|---|
| **Unit Type Of Package 1** | PCE |
| **Number Of Units In Package 1** | 1 |
| **Package 1 Height** | 30.000 cm |
| **Package 1 Width** | 25.000 cm |
| **Package 1 Length** | 20.000 cm |
| **Package 1 Weight** | 2.897 kg |
| **Unit Type Of Package 2** | S04 |
| **Number Of Units In Package 2** | 2 |
| **Package 2 Height** | 30.000 cm |
| **Package 2 Width** | 40.000 cm |
| **Package 2 Length** | 60.000 cm |
| **Package 2 Weight** | 6.522 kg |
| **Unit Type Of Package 3** | P06 |
| **Number Of Units In Package 3** | 8 |
| **Package 3 Height** | 75.000 cm |
| **Package 3 Width** | 60.000 cm |
| **Package 3 Length** | 80.000 cm |
| **Package 3 Weight** | 38.372 kg |

## Contractual warranty

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

## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-$CO_2$ products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >

Transparency RoHS/REACh

## Well-being performance

- Toxic Heavy Metal Free
- Mercury Free
- Rohs Exemption Information — Yes

## Certifications & Standards

| | |
|---|---|
| **Reach Regulation** | REACh Declaration |
| **Eu Rohs Directive** | Compliant with Exemptions |
| **China Rohs Regulation** | China RoHS declaration<br>Product out of China RoHS scope. Substance declaration for your information |
| **Environmental Disclosure** | Product Environmental Profile |
| **Weee** | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |
| **Circularity Profile** | No need of specific recycling operations |