

# Product data sheet

Specifications



## TeSys Vario enclosed, emergency switch disconnecter, 100A, IP65

VCF5GE

⚠ Discontinued on: Mar 30, 2020

⚠ Discontinued

### Main

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

### Complementary

|  |  |
|--|--|
| 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)   |
| 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                       | 280 mm   |
| Width                        | 220 mm   |
| Depth                        | 191 mm   |
| Net Weight                   | 2.19 kg  |

## Environment

|                                       |  |
|---------------------------------------|--|
| Standards                             | IEC 60204<br>IEC 60947-4-1   |
| 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

|                              |     |
|------------------------------|-----|
| Unit Type Of Package 1       | PCE |
| Number Of Units In Package 1 | 1   |

## Contractual warranty

|          |           |
|----------|-----------|
| 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<sub>2</sub> 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 >](#)



RoHS/REACH

## Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information [Yes](#)

## Certifications & Standards

|                           |   |
|---------------------------|---|
| Eu Rohs Directive         | Compliant<br><a href="#">EU RoHS Declaration</a>  |
| China Rohs Regulation     | <a href="#">China RoHS declaration</a><br>Product out of China RoHS scope. Substance declaration for your information   |
| Weee                      | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins   |
| 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="#">www.P65Warnings.ca.gov</a> |