# **Product data sheet**

Specifications





### Switch disconnector, TeSys Control, for ON/emergency stop, 40A, for mounting at back of an enclosure

VVE2

Product availability: Stock - Normally stocked in distribution facility

Price\*: 180.00 USD

#### Main

| Range             | TeSys                              |
|-------------------|------------------------------------|
| Product Name      | TeSys VARIO                        |
| Device Short Name | VVE                                |
| Product Type      | Emergency stop switch disconnector |

#### Complementary

| Device Composition                           | Switch                  |
|--|-------------------------|
|  | Handle                  |
|  |                         |
| Mounting Support                             | Switch symmetrical rail |
|  | Switch plate            |
|  |                         |
| Mounting Method                              | By clips switch         |
| _  | By screws switch        |
|  | by solone sinten        |
| Performance Level                            | High performance        |
|  |                         |
| Number of Poles                              | 3P                      |
|  |                         |
| Contact Type and Composition                 | 3 NO                    |
|  |                         |
| [Ue] IEC Rated Operational                   | 690 V AC 50/60 Hz       |
| Voltage                                      |                         |
| IEC Rated Operational Power in W             | 11 kW 690 V AC-3)       |
|  | 15 kW 690 V AC-23A)     |
|  | 11 kW 400415 V AC-3)    |
|  | 15 kW 500 V AC-3)       |
|  | •                       |
|  | 18.5 kW 500 V AC-23A)   |
|  | 5.5 kW 230240 V AC-3)   |
|  | 7.5 kW 230240 V AC-23A) |
|  | 15 kW 400415 V AC-23A)  |
|  |                         |
| [le] Rated Operational Current               | 29 A AC-23 Ue: 400 V    |
| [Ith] Conventional Free Air                  | 40.4                    |
| Thermal Current                              | 40 A                    |
|  |                         |
| [Ithe] Conventional Enclosed Thermal Current | 32 A                    |
| Thermai Current                              |                         |
| Making Capacity ( I Rms)                     | 400 A 400 V AC-21A      |
|  | 400 A 400 V AC-22A      |
|  | 400 A 400 V AC-23A      |
|  |                         |
| Breaking Capacity                            | 320 A 400 V AC-21A)     |
|  | 320 A 400 V AC-22A)     |
|  | 320 A 400 V AC-23A)     |
|  |                         |
| Rated Conditional Short Circuit              | 10 kA 400 V 50 A aM     |
| Current                                      | 10 kA 400 V 50 A gG     |
|  |                         |
| [Icm] Rated Short Circuit Making             | 1 kA 400 V at Ipeak     |
| Capacity                                     |                         |

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

| [Icw] Rated Short Time Withstand Current | 480 A 400 V 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             | Direct  |
| Handle Color                             | Red   |
| Handle Front Plate Color                 | Yellow  |
| Rotary Handle Padlocking                 | 1 padlock 0.20.2 in (46 mm)   |
| Marking                                  | 0 - 1   |
| Mechanical Durability                    | 100000 cycles   |
| Electrical Durability                    | 100000 cycles AC-21<br>30000 cycles DC-15   |
| IEC Terminal Connection                  | Power circuit screw clamp terminals 0.02 in² (10 mm²) solid Power circuit screw clamp terminals 0.009 in² (6 mm²) flexible - with cable end |
| Tightening Torque                        | Power circuit 18.6 lbf.in (2.1 N.m) screw clamp terminals   |
| Base Dimension                           | 45 x 45 mm  |
| Height                                   | 2.9 in (74 mm)  |
| Width                                    | 2.2 in (55 mm)  |
| Widu                                     | 2.2 III (33 IIIIII)   |
| Depth                                    | 4.2 in (106 mm)   |

### **Environment**

| Standards                             | IEC 60947-3   |
|---------------------------------------|---|
| Product Certifications                | UL<br>GL<br>CSA<br>UKCA   |
| Degree of Protection                  | IP65<br>IP65 conforming to IEC 60529  |
| Protective Treatment                  | тс  |
| Mechanical Robustness                 | Vibrations 10150 Hz 1 gn) IEC 60068-2-6<br>Shocks 11 ms 30 Gn) IEC 60068-2-27 |
| Ambient Air Temperature for Operation | -4.0000000000122.0000000000 °F (-2050 °C)                                     |
| Fire Resistance                       | 1760.0000000000 °F (960 °C) IEC 60695-2-1                                     |
| Compatibility Code                    | Main switch disconnector  |

# Ordering and shipping details

| Category          | US10CP121730  |
|-------------------|---------------|
| Discount Schedule | 0CP1          |
| GTIN              | 3389110553130 |
| Returnability     | Yes           |
| Country of origin | CZ            |

## **Packing Units**

| Unit Type of Package 1       | PCE                     |
|------------------------------|-------------------------|
| Number of Units in Package 1 | 1                       |
| Package 1 Height             | 3.07 in (7.8 cm)        |
| Package 1 Width              | 3.3 in (8.3 cm)         |
| Package 1 Length             | 4.5 in (11.5 cm)        |
| Package 1 Weight             | 6.3 oz (180.0 g)        |
| Unit Type of Package 2       | S02                     |
| Number of Units in Package 2 | 12                      |
| Package 2 Height             | 5.9 in (15.0 cm)        |
| Package 2 Width              | 11.8 in (30.0 cm)       |
| Package 2 Length             | 15.7 in (40.0 cm)       |
| Package 2 Weight             | 5.507 lb(US) (2.498 kg) |

## **Contractual warranty**

Warranty 18 months

### Sustainability Green Premium\*

**Green Premium<sup>TM</sup> label** is Schneider Electric's commitment to delivering products with best-inclass 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 >





Transparency RoHS/REACh

#### Well-being performance

| <b>⊘</b> | Toxic Heavy Metal Free         |
|----------|--------------------------------|
| <b>⊘</b> | Mercury Free                   |
| <b>⊘</b> | Rohs Exemption Information Yes |
| <b>②</b> | Pvc Free                       |
| <b>⊘</b> | Halogen Free Product           |

#### **Certifications & Standards**

| Reach Regulation          | REACh Declaration   |
|---------------------------|---|
| Eu Rohs Directive         | Compliant with Exemptions   |
| China Rohs Regulation     | China RoHS declaration  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  |
| 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 www.P65Warnings.ca.gov |