# Product data sheet

Specifications



## Enclosed switch disconnector, TeSys Control, for ON/emergency stop, 63A, conforming UL/CSA standard

VC4GUN

**Product availability: Stock - Normally stocked in distribution facility**

## Main

| | |
|---|---|
| **Range** | TeSys |
| **Product name** | TeSys VARIO |
| **Device short name** | VC-GUN |
| **Product or Component Type** | Enclosed emergency stop switch disconnector |
| **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 0.2…0.3 in (4…8 mm) |

## Complementary

| | |
|---|---|
| **Marking** | 0 - 1 |
| **[Ue] rated operational voltage** | 690 V AC 50/60 Hz |
| **[Uimp] rated impulse withstand voltage** | 8 kV |
| **[Ithe] conventional enclosed thermal current** | 63 A |
| **[Ie] rated operational current** | 57 A AC-23A)400 V |
| **Rated operational power in W** | 30 kW 400 V AC-23)<br>22 kW 400 V AC-3) |
| **Intermittent duty class** | 30 |
| **Making capacity ( I rms)** | 800 A 400 V AC-21A<br>800 A 400 V AC-22A<br>800 A 400 V AC-23A |
| **[Icm] rated short-circuit making capacity** | 2.1 kA 400 V at Ipeak |
| **[Ith] conventional free air thermal current** | 63.0 A IEC 690 V<br>63 A UL 600 V |
| **Rated power in hp** | 15 hp 240 V, UL<br>30 hp 480 V, UL<br>40 hp 600 V, UL |
| **[Icw] rated short-time withstand Rms current** | 960 A 400 V 1 s |
| **Rated conditional short-circuit current** | 10 kA 400 V 80 A aM<br>10 kA 400 V 80 A gG |

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

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

| | |
|---|---|
| **Breaking capacity** | 640 A 400 V AC-21A)<br>640 A 400 V AC-22A)<br>640 A 400 V AC-23A) |
| **Mechanical durability** | 30000 cycles |
| **Electrical durability** | 30000 cycles AC-21<br>30000 cycles DC-1...5 |
| **Environmental characteristic** | Standard environment |
| **Suitability for isolation** | Yes |
| **Connections - terminals** | screw clamp terminals 0.04 in² (25 mm²) solid - with cable end<br>screw clamp terminals 0.02 in² (16 mm²) flexible |
| **Tightening torque** | 35.4 lbf.in (4 N.m) screw clamp terminals |
| **Fire resistance** | 1760 °F (960 °C) IEC 60595-2-1 |
| **handle front plate dimension** | 60 x 60 mm |
| **Height** | 7.6 in (193 mm) |
| **Width** | 6.5 in (164 mm) |
| **Depth** | 5.2 in (132 mm) |
| **Product Weight** | 2.05 lb(US) (0.93 kg) |

## Environment

| | |
|---|---|
| **Standards** | UL 508<br>CSA C22.2 No 14<br>IEC 60947-4-1<br>IEC 60204 |
| **Protective treatment** | TC |
| **IP degree of protection** | IP65 conforming to IEC 60529 |
| **NEMA Degree of Protection** | NEMA 12 |
| **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** | -4…122 °F (-20…50 °C) |

## Ordering and shipping details

| | |
|---|---|
| **Category** | US10CP121730 |
| **Discount Schedule** | 0CP1 |
| **GTIN** | 3389119413206 |
| **Returnability** | Yes |
| **Country of origin** | CZ |

## Packing Units

| | |
|---|---|
| **Unit Type of Package 1** | PCE |
| **Nbr. of units in pkg.** | 1 |
| **Package 1 Height** | 6.732 in (17.100 cm) |
| **Package 1 Width** | 7.480 in (19.000 cm) |
| **Package 1 Length** | 8.031 in (20.400 cm) |
| **Package weight(Lbs)** | 2.288 lb(US) (1.038 kg) |

## Contractual warranty

| | |
|---|---|
| **Warranty (in months)** | 18 |

## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

### Environmental footprint

| | |
|---|---|
| Total lifecycle Carbon footprint | **21 kg CO2 eq.** |
| Carbon footprint of the manufacturing phase [A1 to A3] | **5 kg CO2 eq.** |
| Carbon footprint of the distribution phase [A4] | **0.2 kg CO2 eq.** |
| Carbon footprint of the installation phase [A5] | **0.1 kg CO2 eq.** |
| Carbon footprint of the use phase [B2, B3, B4, B6] | **13 kg CO2 eq.** |
| Carbon footprint of the end-of-life phase [C1 to C4] | **2 kg CO2 eq.** |
| Environmental Disclosure | **Product Environmental Profile** |

## Use Better

### Materials and Substances

| | |
|---|---|
| Packaging made with recycled cardboard | **Yes** |
| Packaging without single use plastic | **Yes** |
| SCIP Number | **9ea58720-3cf9-4883-9af8-9d64d3981af2** |
| EU RoHS Directive | **Compliant** |
| REACh Regulation | **Reference contains Substances of Very High Concern above the threshold** |
| 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** |

## Use Longer

### Lifetime extension

| | |
|---|---|
| Repair | **No** |

## Use Again

### Repack and remanufacture

| | |
|---|---|
| Recyclability potential, in % | **20** |
| Circularity Profile | **No need of specific recycling operations** |
| Take-back | **No** |
| WEEE Label | **The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.** |