chanhvinh.com

# Product data sheet
## Characteristics

# VC5GUN
## TeSys Vario enclosed, emergency switch disconnector, 100A, UL/CSA, long handle



### 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 0.16…0.31 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 | 100 A |
| [Ie] rated operational current | 68.5 A AC-23A)400 V |
| Rated operational power in W | 37 KW 400 V AC-23)<br>30 kW 400 V AC-3) |
| Intermittent duty class | 30 |
| Making capacity ( I rms) | 1250 A 400 V AC-21A<br>1250 A 400 V AC-22A<br>1250 A 400 V AC-23A |
| [Icm] rated short-circuit making capacity | 2.8 kA 400 V at Ipeak |
| [Ith] conventional free air thermal current | 100.0 A IEC 690 V<br>100 A UL 600 V |
| Rated power in hp | 25 Hp 240 V, UL<br>50 Hp 480 V, UL<br>50 hp 600 V, UL |
| [Icw] rated short-time withstand Rms current | 1500 A 400 V 1 s |
| Rated conditional short-circuit current | 10 KA 400 V 125 A aM<br>10 kA 400 V 125 A gG |
| Breaking capacity | 1000 A 400 V AC-21A)<br>1000 A 400 V AC-22A)<br>1000 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 0.15 in² (95 mm²) solid - with cable end<br>Screw clamp terminals 0.11 in² (70 mm²) flexible |
| Tightening torque | 200.03 lbf.in (22.6 N.m) screw clamp terminals |
| Fire resistance | 1760 °F (960 °C) IEC 60595-2-1 |
| Handle front plate dimension | 90 x 90 mm |
| Height | 11.46 in (291 mm) |
| Maximum Width | 9.49 in (241 mm) |

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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.
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| | |
|---|---|
| Depth | 7.52 in (191 mm) |
| Net Weight | 4.83 lb(US) (2.19 kg) |

## Environment

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|---|---|
| Standards | IEC 60947-4-1<br>CSA C22.2 No 14<br>UL 508<br>IEC 60204 |
| Protective treatment | TC |
| IP degree of protection | IP65 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 | 21730 - V VARIO SWITCH |
| Discount Schedule | CP1 |
| GTIN | 00785901680550 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 7.04 lb(US) (3.19 kg) |
| Returnability | Yes |
| Country of origin | CZ |

## Packing Units

| | |
|---|---|
| Unit Type of Package 1 | PCE |
| Package 1 Height | 11.81 in (30 cm) |
| Package 1 width | 8.07 in (20.5 cm) |
| Package 1 Length | 11.81 in (30 cm) |

## Offer Sustainability

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|---|---|
| Sustainable offer status | Green Premium product |
| 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 |
| REACh Regulation | REACh Declaration |
| REACh free of SVHC | Yes |
| EU RoHS Directive | Compliant EU RoHS Declaration |
| Toxic heavy metal free | Yes |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| China RoHS Regulation | China RoHS Declaration |
| 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. |

## Contractual warranty

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