Product data sheet

Specifications



TeSys Vario enclosed, emergency switch disconnector, 45A, UL/CSA

VC3GUN

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	50 A
[Ie] rated operational current	41.5 A AC-23A)400 V
Rated operational power in W	22 kW 400 V AC-23) 18.5 kW 400 V AC-3)
Intermittent duty class	30
Making capacity (I rms)	630 A 400 V AC-21A 630 A 400 V AC-22A 630 A 400 V AC-23A
[Icm] rated short-circuit making capacity	2.1 kA 400 V at Ipeak
[Ith] conventional free air thermal current	50.0 A IEC 690 V 45 A UL 600 V
Rated power in hp	10 hp 240 V, UL 20 hp 480 V, UL 30 hp 600 V, UL
[Icw] rated short-time withstand Rms current	756 A 400 V 1 s
Rated conditional short-circuit current	10 kA 400 V 63 A aM 10 kA 400 V 63 A gG
Breaking capacity	500 A 400 V AC-21A) 500 A 400 V AC-22A) 500 A 400 V AC-23A)

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

Mechanical durability	30000 cycles
Electrical durability	30000 cycles AC-21 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 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)
Net Weight	2.05 lb(US) (0.93 kg)

Environment

Standards	IEC 60947-4-1 CSA C22.2 No 14 UL 508 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 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	US1CTR121254
Discount Schedule	CTR1
GTIN	3389119413190
Returnability	Yes
Country of origin	CZ

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	6.535 in (16.600 cm)
Package 1 Width	7.323 in (18.600 cm)
Package 1 Length	7.795 in (19.800 cm)
Package weight(Lbs)	2.240 lb(US) (1.016 kg)
Unit Type of Package 2	S04
Number of Units in Package 2	6
Package 2 Height	11.811 in (30.000 cm)

Package 2 Width	15.748 in (40.000 cm)
Package 2 Length	23.622 in (60.000 cm)
Package 2 Weight	15.088 lb(US) (6.844 kg)
Unit Type of Package 3	P06
Number of Units in Package 3	24
Package 3 Height	29.528 in (75.000 cm)
Package 3 Width	23.622 in (60.000 cm)
Package 3 Length	31.496 in (80.000 cm)
Package 3 Weight	84.807 lb(US) (38.468 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 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.**