

Product data sheet

Specifications



Enclosed switch disconnecter, TeSys Control, for ON/emergency stop, 100A, conforming UL/CSA standard, long handle

VC5GUN

Main

Range	TeSys
Product name	TeSys VARIO
Device short name	VC-GUN
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 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) at 400 V
Rated operational power in W	37 kW at 400 V (AC-23) 30 kW at 400 V (AC-3)
Intermittent duty class	30
Making capacity (I rms)	1250 A at 400 V AC-21A 1250 A at 400 V AC-22A 1250 A at 400 V AC-23A
[Icm] rated short-circuit making capacity	2.8 kA at 400 V at Ipeak
[Ith] conventional free air thermal current	100.0 A conforming to IEC 690 V 100 A conforming to UL 600 V
Rated power in hp	25 hp at 240 V, UL certified 50 hp at 480 V, UL certified 50 hp at 600 V, UL certified
[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 10 kA at 400 V - associated fuse 125 A gG
Breaking capacity	1000 A at 400 V (AC-21A) 1000 A at 400 V (AC-22A) 1000 A at 400 V (AC-23A)

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 terminals95 mm ² - solid - with cable end Screw clamp terminals70 mm ² - flexible
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	291 mm
Width	241 mm
Depth	191 mm
Net weight	2.19 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) conforming to IEC 60068-2-6 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
Package 1 Height	21.200 cm
Package 1 Width	25.300 cm
Package 1 Length	30.000 cm
Package 1 Weight	2.874 kg

Contractual warranty

Warranty	18 months
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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	15
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Compliant with Exemptions
SCIP Number	9ea58720-3cf9-4883-9af8-9d64d3981af2
REACH Regulation	REACH Declaration
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

End of life manual availability	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

Technical Illustration

Assembly's dimensions

