

## Product data sheet

### Characteristics

# VC5GUN

TeSys Vario enclosed, emergency switch disconnecter, 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 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 <sup>2</sup> - solid - with cable end Screw clamp terminals70 mm <sup>2</sup> - 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	30.0 cm
Package 1 Width	20.5 cm
Package 1 Length	30.0 cm
Package 1 Weight	3.115 kg

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 <a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant with Exemptions
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	 <a href="#">China RoHS Declaration</a>
RoHS exemption information	 <a href="#">Yes</a>
Environmental Disclosure	 <a href="#">Product Environmental Profile</a>
Circularity Profile	No need of specific recycling operations
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

## Contractual warranty

Warranty	18 months
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