

Product data sheet

Characteristics

VC4GUN

TeSys Vario enclosed, emergency switch disconnecter, 63A, UL/CSA



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	63 A
[Ie] rated operational current	57 A (AC-23A) at 400 V
Rated operational power in W	30 KW at 400 V (AC-23) 22 kW at 400 V (AC-3)
Intermittent duty class	30
Making capacity (I rms)	800 A at 400 V AC-21A 800 A at 400 V AC-22A 800 A at 400 V AC-23A
[Icm] rated short-circuit making capacity	2.1 kA at 400 V at Ipeak
[Ith] conventional free air thermal current	63.0 A conforming to IEC 690 V 63 A conforming to UL 600 V
Rated power in hp	15 Hp at 240 V, UL certified 30 Hp at 480 V, UL certified 40 hp at 600 V, UL certified
[Icw] rated short-time withstand Rms current	960 A at 400 V duration: 1 s
Rated conditional short-circuit current	10 KA at 400 V - associated fuse 80 A aM 10 kA at 400 V - associated fuse 80 A gG
Breaking capacity	640 A at 400 V (AC-21A) 640 A at 400 V (AC-22A) 640 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 terminals 25 mm ² - solid - with cable end Screw clamp terminals 16 mm ² - flexible
Tightening torque	4 N.m - on screw clamp terminals
Fire resistance	960 °C conforming to IEC 60595-2-1

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Handle front plate dimension	60 x 60 mm
Height	193 mm
Width	164 mm
Depth	132 mm
Net weight	0.93 kg





Environment

Standards	UL 508 CSA C22.2 No 14 IEC 60947-4-1 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 cm
Package 1 Width	21.5 cm
Package 1 Length	22 cm
Package 1 Weight	1.062 kg
Unit Type of Package 2	P06
Number of Units in Package 2	4
Package 2 Height	77 cm
Package 2 Width	80 cm
Package 2 Length	60 cm
Package 2 Weight	13.162 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 REACH Declaration
EU RoHS Directive	Compliant with Exemptions
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	 China RoHS Declaration
RoHS exemption information	 Yes
Environmental Disclosure	 Product Environmental Profile
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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