Product datasheet

Specifications

TeSys Vario enclosed, emergency switch disconnector, 20A, UL/CSA

Local distributor code:

403019355 VC1GUN

EAN Code: 3389119413176

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 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	25 A
[Ie] Rated Operational Current	21.8 A (AC-23A) at 400 V
Rated Operational Power In W	11 kW at 400 V (AC-23) 7.5 kW at 400 V (AC-3)
Intermittent Duty Class	30
Making Capacity (I Rms)	320 A at 400 V AC-21A 320 A at 400 V AC-22A 320 A at 400 V AC-23A
[Icm] Rated Short-Circuit Making Capacity	1 kA at 400 V at Ipeak
[Ith] Conventional Free Air Thermal Current	25.0 A conforming to IEC 690 V 20 A conforming to UL 600 V
Rated Power In Hp	5 hp at 240 V, UL certified 10 hp at 480 V, UL certified 10 hp at 600 V, UL certified
[Icw] Rated Short-Time Withstand Rms Current	384 A at 400 V duration: 1 s
Rated Conditional Short-Circuit Current	10 kA at 400 V - associated fuse 35 A aM 10 kA at 400 V - associated fuse 35 A gG
Breaking Capacity	250 A at 400 V (AC-21A) 250 A at 400 V (AC-22A) 250 A at 400 V (AC-23A)

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	100000 cycles
Electrical Durability	100000 cycles AC-21 30000 cycles DC-1...5
Environmental Characteristic	Standard environment
Suitability For Isolation	Yes
Connections - Terminals	Screw clamp terminals10 mm² - solid - with cable end Screw clamp terminals6 mm² - flexible
Tightening Torque	2.1 N.m - on screw clamp terminals
Fire Resistance	960 °C conforming to IEC 60595-2-1
Handle Front Plate Dimension	60 x 60 mm
Height	164 mm
Width	121 mm
Depth	132 mm
Net Weight	0.5 kg

Environment

Standards	CSA C22.2 No 14 IEC 60204 UL 508 IEC 60947-4-1
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	13.500 cm
Package 1 Width	18.500 cm
Package 1 Length	14.000 cm
Package 1 Weight	654.000 g
Unit Type Of Package 2	S04
Number Of Units In Package 2	14
Package 2 Height	30.000 cm
Package 2 Width	40.000 cm
Package 2 Length	60.000 cm
Package 2 Weight	9.911 kg
Unit Type Of Package 3	P06
Number Of Units In Package 3	56
Package 3 Height	75.000 cm
Package 3 Width	60.000 cm

Package 3 Length	80.000 cm
Package 3 Weight	54.596 kg

Contractual warranty

Warranty	18 months

Sustainability

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Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >

Transparency RoHS/REACh

Well-being performance

- Toxic Heavy Metal Free
- Mercury Free
- Rohs Exemption Information — Yes

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
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
Circularity Profile	No need of specific recycling operations