Product datasheet

Specifications

Green Premium™

TeSys Vario enclosed, emergency switch disconnector, 100A, UL/ CSA, long handle

Local distributor code:
403019685   VC5GUN

EAN Code: 3389119413145

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	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 mm² - solid - with cable end Screw clamp terminals70 mm² - 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

Contractual warranty

Warranty	18 months

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Sustainability

Green Premium^{TM} label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

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