Product datasheet

Specifications

TeSys Vario enclosed, emergency switch disconnector, 50A, IP65

Local distributor code:

385365266 VCF3GE

EAN Code: 3389110543896

Main

Range	TeSys
Product Name	TeSys VARIO
Device Short Name	VCF
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
[Uimp] Rated Impulse Withstand Voltage	8 kV
[Ithe] Conventional Enclosed Thermal Current	50 A
[Ie] Rated Operational Current	41.5 A (AC-23A) at 400 V
Rated Operational Power In W	22 kW at 400 V (AC-23) 18.5 kW at 400 V (AC-3)
Intermittent Duty Class	30
Making Capacity (I Rms)	630 A at 400 V AC-21A 630 A at 400 V AC-22A 630 A at 400 V AC-23A
[Icm] Rated Short-Circuit Making Capacity	2.1 kA at 400 V at Ipeak
[Icw] Rated Short-Time Withstand Rms Current	756 A at 400 V duration: 1 s
Rated Conditional Short-Circuit Current	10 kA at 400 V - associated fuse 63 A aM 10 kA at 400 V - associated fuse 63 A gG
Breaking Capacity	500 A at 400 V (AC-21A) 500 A at 400 V (AC-22A) 500 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

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

Suitability For Isolation	Yes
Connections - Terminals	Screw clamp terminals16 mm² - flexible - with cable end Screw clamp terminals25 mm² - solid
Tightening Torque	4 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	180 mm
Width	157 mm
Depth	152 mm
Net Weight	0.93 kg

Environment

Standards	IEC 60947-4-1 IEC 60204
Protective Treatment	TC
Ip Degree Of Protection	IP65 conforming to IEC 60529
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	18.000 cm
Package 1 Width	20.000 cm
Package 1 Length	20.000 cm
Package 1 Weight	918.000 g
Unit Type Of Package 2	P06
Number Of Units In Package 2	32
Package 2 Height	75.000 cm
Package 2 Width	60.000 cm
Package 2 Length	80.000 cm
Package 2 Weight	42.376 kg

Contractual warranty

Warranty	18 months

Sustainability

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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