Product datasheet

Specifications

TeSys Vario enclosed, main switch disconnector, 100A, IP65, long handle

Local distributor code:

393520103 VBF5GEN

EAN Code: 3389119413169

Main

Range	TeSys
Product Name	TeSys VARIO
Device Short Name	VBF
Device Application	Preventive maintenance
Product Or Component Type	Enclosed switch disconnector
Performance Level	High performance
Poles Description	3P
Control Type	Rotary handle
Type Of Operator	Long handle
Handle Colour	Black
Handle Front Plate Colour	Black
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	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
[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

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

Electrical Durability	30000 cycles AC-21 30000 cycles DC-1...5
Environmental Characteristic	Standard environment
Suitability For Isolation	Yes
Connections - Terminals	Screw clamp terminals70 mm² - flexible - with cable end Screw clamp terminals95 mm² - solid
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	280 mm
Width	220 mm
Depth	191 mm
Net Weight	2.19 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	20.500 cm
Package 1 Width	24.700 cm
Package 1 Length	30.000 cm
Package 1 Weight	2.996 kg
Unit Type Of Package 2	S04
Number Of Units In Package 2	2
Package 2 Height	30.000 cm
Package 2 Width	40.000 cm
Package 2 Length	60.000 cm
Package 2 Weight	6.745 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