Product datasheet

Specifications

TeSys Vario enclosed, main switch disconnector, 25A, IP65

Local distributor code:

389855497 VBF1GE

EAN Code: 3389110166569

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
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	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
[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)
Mechanical Durability	100000 cycles
Electrical Durability	100000 cycles AC-21 30000 cycles DC-1...5

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

Environmental Characteristic	Standard environment
Suitability For Isolation	Yes
Connections - Terminals	Screw clamp terminals10 mm² - solid Screw clamp terminals6 mm² - flexible - with cable end
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	146 mm
Width	90 mm
Depth	131 mm
Net Weight	0.5 kg

Environment

Standards	IEC 60204 IEC 60947-4-1
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	14.500 cm
Package 1 Width	11.500 cm
Package 1 Length	16.000 cm
Package 1 Weight	472.000 g
Unit Type Of Package 2	S03
Number Of Units In Package 2	7
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	3.770 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	40.636 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