Product datasheet

Specifications

TeSys Vario - switch disconnector - 63 A - on door

VBF3

Main

Range	TeSys
Product Name	TeSys VARIO
Device Short Name	VBF
Device Application	Preventive maintenance
Product Type	Switch disconnector

Complementary

Device Composition	Switch Handle
Mounting Support	Handle: door Switch: door
Mounting Method	By 4 screws for handle
Performance Level	High performance
Number Of Poles	3P
Contact Type And Composition	3 NO
[Ue] Iec Rated Operational Voltage	690 V AC 50/60 Hz
Iec Rated Operational Power In W	11 kW at 230...240 V (AC-3) 22 kW at 500 V (AC-3) 22 kW at 690 V (AC-23A) 30 kW at 500 V (AC-23A) 18.5 kW at 400...415 V (AC-3) 18.5 kW at 690 V (AC-3) 15 kW at 230...240 V (AC-23A) 22 kW at 400...415 V (AC-23A)
[Ie] Rated Operational Current	41.5 A AC-23 Ue: 400 V
[Ith] Conventional Free Air Thermal Current	63 A
[Ithe] Conventional Enclosed Thermal Current	50 A
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
Breaking Capacity	500 A at 400 V (AC-21A) 500 A at 400 V (AC-22A) 500 A at 400 V (AC-23A)
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
[Icm] Rated Short Circuit Making Capacity	2.1 kA at 400 V at Ipeak
[Icw] Rated Short Time Withstand Current	756 A at 400 V duration: 1 s

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

[Uimp] Rated Impulse Withstand Voltage	8 kV
Suitability For Isolation	Yes
Network Type	DC AC
Intermittent Duty Class	30
Control Type	Rotary handle
Rotary Handle Mounting Style	Direct
Handle Color	Black
Handle Front Plate Color	Black
Rotary Handle Padlocking	1 to 3 padlocks 4…8 mm
Marking	0 - 1
Mechanical Durability	30000 cycles
Electrical Durability	30000 cycles AC-21 30000 cycles DC-1...5
Iec Terminal Connection	Power circuit: screw clamp terminals25 mm² - solid Power circuit: screw clamp terminals16 mm² - flexible - with cable end
Tightening Torque	Power circuit: 4 N.m - on screw clamp terminals
Base Dimension	60 x 60 mm
Height	83 mm
Width	60 mm
Product Weight	0.56 kg

Environment

Standards	IEC 60947-3
Product Certifications	CSA UL CCC GL UKCA
Degree Of Protection	IP20 conforming to IEC 60529 IP65
Protective Treatment	TC
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
Fire Resistance	960 °C conforming to IEC 60695-2-1
Compatibility Code	Main switch disconnector

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	8.000 cm
Package 1 Width	8.500 cm
Package 1 Length	12.000 cm
Package 1 Weight	343.000 g

Unit Type Of Package 2	S02
Number Of Units In Package 2	12
Package 2 Height	15.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	4.360 kg
Unit Type Of Package 3	P06
Number Of Units In Package 3	192
Package 3 Height	75.000 cm
Package 3 Width	80.000 cm
Package 3 Length	60.000 cm
Package 3 Weight	77.760 kg

Contractual warranty

Warranty	12 months

Sustainability

Green Premium™ 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
Pvc Free	

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