Product datasheet





Switch disconnector, TeSys Control, for ON/OFF, 175A, 4 screws fixing, for mounting for mounting on door

VBF6

Main

Range	TeSys	
Product Name	TeSys VARIO	
Device Short Name	VBF	
Device Application	Preventive maintenance	
Product Type	Emergency stop switch disconnector	

Complementary

Complementary	
Device Composition	Handle
Zampanian.	Switch
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] lec Rated Operational	690 V AC 50/60 Hz
Voltage	
lec Rated Operational Power In W	30 kW at 230240 V (AC-3)
	37 kW at 400415 V (AC-3)
	37 kW at 690 V (AC-3)
	45 kW at 500 V (AC-3)
	45 kW at 690 V (AC-23A)
	55 kW at 500 V (AC-23A)
	30 kW at 230240 V (AC-23A)
	45 kW at 400415 V (AC-23A)
[le] Rated Operational Current	83 A AC-23 Ue: 400 V
[Ith] Conventional Free Air Thermal Current	175 A
[Ithe] Conventional Enclosed Thermal Current	140 A
Making Capacity (I Rms)	1750 A at 400 V AC-21A
	1750 A at 400 V AC-22A
	1750 A at 400 V AC-23A
Breaking Capacity	1400 A at 400 V (AC-21A)
	1400 A at 400 V (AC-21A)
	1400 A at 400 V (AC-23A)
Rated Conditional Short Circuit	10 kA at 400 V appaigned five 200 A aM
Current	10 kA at 400 V - associated fuse 200 A aM
	10 kA at 400 V - associated fuse 200 A gG
[Icm] Rated Short Circuit Making Capacity	2.8 kA at 400 V at Ipeak
[Icw] Rated Short Time Withstand Current	2100 A at 400 V duration: 1 s

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[Uimp] Rated Impulse Withstand Voltage	8 kV	
Suitability For Isolation	Yes	
Network Type	AC DC	
Intermittent Duty Class	30	
Control Type	Rotary handle	
Rotary Handle Mounting Style	Direct	
Handle Color	Black	
Handle Front Plate Color	Yellow	
Rotary Handle Padlocking	1 to 3 padlocks 48 mm	
Marking	0 - 1	
Mechanical Durability	30000 cycles	
Electrical Durability	30000 cycles AC-21 30000 cycles DC-15	
lec Terminal Connection	Power circuit: screw clamp terminals95 mm² - solid Power circuit: screw clamp terminals70 mm² - flexible - with cable end	
Tightening Torque	Power circuit: 22.6 N.m - on screw clamp terminals	
Base Dimension	90 x 90 mm	
Height	125 mm	
Width	90 mm	
Product Weight	1.2 kg	

Environment

Standards	IEC 60947-3
Product Certifications	GL CSA CCC UL UKCA
Degree Of Protection	IP20 conforming to IEC 60529 IP65
Protective Treatment	тс
Mechanical Robustness	Vibrations 10150 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	-2050 °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	10.000 cm
Package 1 Width	17.000 cm
Package 1 Length	17.500 cm
Package 1 Weight	1.062 kg

Unit Type Of Package 2	S03
Number Of Units In Package 2	6
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	6.760 kg
Unit Type Of Package 3	P06
Number Of Units In Package 3	48
Package 3 Height	75.000 cm
Package 3 Width	80.000 cm
Package 3 Length	60.000 cm
Package 3 Weight	62.080 kg

Contractual warranty

Warranty 18 months

Sustainability Screen Premium

Green PremiumTM **label** is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ 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



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