

# VBF3

Switch disconnecter, TeSys Control, for ON/OFF, 63A, 4 screws fixing, for mounting for mounting on door



## Main

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

## Complementary

Device Composition	Switch Handle
Mounting Support	Handle door Switch door
Mounting Method	By 4 screws 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 230...240 V AC-3) 22 KW 500 V AC-3) 22 KW 690 V AC-23A) 30 KW 500 V AC-23A) 18.5 KW 400...415 V AC-3) 18.5 KW 690 V AC-3) 15 KW 230...240 V AC-23A) 22 KW 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 400 V AC-21A 630 A 400 V AC-22A 630 A 400 V AC-23A
Breaking Capacity	500 A 400 V AC-21A) 500 A 400 V AC-22A) 500 A 400 V AC-23A)
Rated Conditional Short Circuit Current	10 KA 400 V 63 A aM 10 kA 400 V 63 A gG
[Icm] Rated Short Circuit Making Capacity	2.1 kA 400 V at Ipeak
[Icw] Rated Short Time Withstand Current	756 A 400 V 1 s
[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

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Handle Color	Black
Handle Front Plate Color	Black
Rotary Handle Padlocking	1 to 3 padlocks 0.16...0.31 in (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 terminals 0.04 in <sup>2</sup> (25 mm <sup>2</sup> ) solid Power circuit screw clamp terminals 0.02 in <sup>2</sup> (16 mm <sup>2</sup> ) flexible - with cable end
Tightening Torque	Power circuit 35.40 lbf.in (4 N.m) screw clamp terminals
Base Dimension	60 x 60 mm
Height	3.27 in (83 mm)
Width	2.36 in (60 mm)
Product Weight	1.23 lb(US) (0.56 kg)

## Environment

Standards	IEC 60947-3
Product Certifications	CSA[RETURN]JUL[RETURN]CCC[RETURN]GL[RETURN]UKCA
Degree of Protection	IP20 conforming to IEC 60529 IP65
Protective Treatment	TC
Mechanical Robustness	Vibrations 10...150 Hz 1 gn) IEC 60068-2-6 Shocks 11 ms 30 Gn) IEC 60068-2-27
Ambient Air Temperature for Operation	-4...122 °F (-20...50 °C)
Fire Resistance	1760 °F (960 °C) IEC 60695-2-1
Compatibility Code	Main switch disconnecter

## Ordering and shipping details

Category	21730-V VARIO SWITCH
Discount Schedule	CP1
GTIN	3389110165975
Returnability	No
Country of origin	CZ

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.15 in (8.000 cm)
Package 1 Width	3.35 in (8.500 cm)
Package 1 Length	4.72 in (12.000 cm)
Package 1 Weight	12.10 oz (343.000 g)
Unit Type of Package 2	S02
Number of Units in Package 2	12
Package 2 Height	5.91 in (15.000 cm)
Package 2 Width	11.81 in (30.000 cm)
Package 2 Length	15.75 in (40.000 cm)
Package 2 Weight	9.61 lb(US) (4.360 kg)
Unit Type of Package 3	P06
Number of Units in Package 3	192
Package 3 Height	29.53 in (75.000 cm)
Package 3 Width	31.50 in (80.000 cm)
Package 3 Length	23.62 in (60.000 cm)
Package 3 Weight	171.43 lb(US) (77.760 kg)

## Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Antimony oxide & Antimony trioxide, which is known to the State of California to cause cancer. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant with Exemptions
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
RoHS exemption information	<a href="#">Yes</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	No need of specific recycling operations
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.
PVC free	Yes

## Contractual warranty

Warranty	18 months
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