

Product data sheet

Specifications



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

VBF3

Product availability: Stock - Normally stocked in distribution facility

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 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

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

[Icw] Rated Short Time Withstand Current	756 A 400 V 1 s
[Uiimp] 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 0.2...0.3 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 ² (25 mm ²) solid Power circuit screw clamp terminals 0.02 in ² (16 mm ²) flexible - with cable end
Tightening Torque	Power circuit 35.4 lbf.in (4 N.m) screw clamp terminals
Base Dimension	60 x 60 mm
Height	3.3 in (83 mm)
Width	2.4 in (60 mm)
Product Weight	1.23 lb(US) (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) 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 disconnector

Ordering and shipping details

Category	US10CP121730
Discount Schedule	0CP1
GTIN	3389110165975
Returnability	Yes
Country of origin	CZ

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	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 weight(Lbs)	12.099 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	9.612 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	171.432 lb(US) (77.760 kg)

Contractual warranty

Warranty	18 months
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Environmental footprint

Carbon footprint (kg CO2 eq, Total Life cycle) **34**

Environmental Disclosure [Product Environmental Profile](#)

Use Better

Materials and Substances

Packaging made with recycled cardboard **Yes**

Packaging without single use plastic **No**

[EU RoHS Directive](#) **Compliant with Exemptions**

SCIP Number **63dc4fbe-3f44-4801-881b-22a3bb8008d9**

REACH Regulation [REACH Declaration](#)

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 [www.P65Warnings.ca.gov](#)

PVC free **Yes**

Use Again

Repack and remanufacture

Circularity Profile **No need of specific recycling operations**

Take-back **No**

WEEE Label
 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.