Product data sheet

Specifications

Switch disconnector,TeSys Control,for ON/OFF, 12A(VN12),Ã˜22.5 fixing,for mountingfor mounting on door

VBDN12

Product availability: Non-Stock - Not normally stocked in distribution facility

Price*: 90.00 USD

Main

Range	TeSys
Product Name	TeSys Mini-VARIO
Device Short Name	VBDN
Product Or Component Type	Switch disconnector
Performance Level	Standard
Poles Description	3P
Contacts Type And Composition	3 NO
Network Type	AC DC
Control Type	Rotary handle
Rotary Handle Mounting Style	Direct
Handle Colour	Black
Handle Front Plate Colour	Black
Rotary Handle Padlocking	1 to 3 padlocks 0.16…0.31 in (4…8 mm)

Complementary

Marking	0 - 1
Mounting Support	Handle door Switch door
Fixing Mode	Hole 0.89 in (22.5 mm) handle
[Ue] Rated Operational Voltage	690 V AC 50/60 Hz
[Uimp] Rated Impulse Withstand Voltage	6 kV
[Ith] Conventional Free Air Thermal Current	12 A
[Ithe] Conventional Enclosed Thermal Current	10 A
[Ie] Rated Operational Current	8.1 A AC-23)400 V
Rated Operational Power In W	3 kW 230...240 V AC-23A) 4 kW 400...415 V AC-23A) 5.5 kW 500 V AC-23A) 7.5 kW 690 V AC-23A) 1.5 kW 230...240 V AC-3) 3 kW 400...415 V AC-3) 4 kW 500 V AC-3) 4 kW 690 V AC-3)

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

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

Intermittent Duty Class	30
Making Capacity (I Rms)	120 A 400 V AC-21A 120 A 400 V AC-22A 120 A 400 V AC-23A
[Icm] Rated Short-Circuit Making Capacity	0.5 kA 400 V at Ipeak
[Icw] Rated Short-Time Withstand Rms Current	140 A 400 V 1 s
Rated Conditional Short-Circuit Current	6 kA 400 V 12 A aM 6 kA 400 V 12 A gG
Breaking Capacity	120 kA 400 V AC-21A) 120 kA 400 V AC-22A) 120 kA 400 V AC-23A)
Device Composition	Switch Handle
Mechanical Durability	50000 cycles
Electrical Durability	30000 cycles DC-1...5 50000 cycles AC-21
Suitability For Isolation	Yes
Connections - Terminals	Power circuit screw clamp terminals 0.01 in² (4 mm²) flexible - with cable end Power circuit screw clamp terminals 0.01 in² (4 mm²) solid
Tightening Torque	Power circuit 6.20 lbf.in (0.7 N.m) screw clamp terminals
Handle Front Plate Dimension	60 x 60 mm
Height	2.36 in (60 mm)
Width	2.36 in (60 mm)
Net Weight	0.39 lb(US) (0.177 kg)

Environment

Standards	IEC 60947-3
Product Certifications	UL GL CCC CSA UKCA
Protective Treatment	TC
Ip Degree Of Protection	IP65
Mechanical Robustness	Vibrations 10...150 Hz 5 gn) IEC 60068-2-6 Shocks 11 ms 15 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

Ordering and shipping details

Category	US10CP121730
Discount Schedule	0CP1
Gtin	3389110759853
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 (8.0 cm)
Package 1 Width	3.35 in (8.5 cm)
Package 1 Length	4.72 in (12.0 cm)
Package 1 Weight	6.28 oz (178.0 g)
Unit Type Of Package 2	S03
Number Of Units In Package 2	24
Package 2 Height	11.81 in (30.0 cm)
Package 2 Width	11.81 in (30.0 cm)
Package 2 Length	15.75 in (40.0 cm)
Package 2 Weight	10.53 lb(US) (4.776 kg)

Contractual warranty

Warranty	18 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

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
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