# **Product datasheet**





## Switch disconnector, TeSys Control, for ON/emergency stop, 20A(VN20), for mounting on door

VCDN20

#### Main

Range	TeSys	
Product Name	TeSys Mini-VARIO	
Device Short Name	VCDN	
Product Or Component Type	Emergency stop switch disconnector	
Performance Level	Standard	
Poles Description	3P	
Contacts Type And Composition	3 NO	
Network Type	DC AC	
Control Type	Rotary handle	
Rotary Handle Mounting Style	Direct	
Handle Colour	Red	
Handle Front Plate Colour	Yellow	
Rotary Handle Padlocking	1 to 3 padlocks 48 mm	

### Complementary

Marking	0 - 1
Mounting Support	Handle: door
	Switch: door
Fixing Mode	Hole with 22.5 mm for handle
[Ith] Conventional Free Air Thermal Current	20 A
[Ithe] Conventional Enclosed Thermal Current	16 A
[le] Rated Operational Current	11 A (AC-23) at 400 V
Rated Operational Power In W	4 kW at 230240 V (AC-23A)
	5.5 kW at 400415 V (AC-23A)
	7.5 kW at 500 V (AC-23A)
	11 kW at 690 V (AC-23A)
	3 kW at 230240 V (AC-3)
	4 kW at 400415 V (AC-3)
	5.5 kW at 500 V (AC-3)
	5.5 kW at 690 V (AC-3)
Intermittent Duty Class	30
Making Capacity ( I Rms)	200 A at 400 V AC-21A
	200 A at 400 V AC-22A
	200 A at 400 V AC-23A
[Icm] Rated Short-Circuit Making Capacity	0.5 kA at 400 V at Ipeak

Life Is On Schneider 24 Apr 2024

[Icw] Rated Short-Time Withstand Rms Current	140 A at 400 V duration: 1 s
Rated Conditional Short-Circuit Current	6 kA at 400 V - associated fuse 20 A aM 6 kA at 400 V - associated fuse 20 A gG
Breaking Capacity	200 kA at 400 V (AC-21A) 200 kA at 400 V (AC-22A) 200 kA at 400 V (AC-23A)
<b>Device Composition</b>	Handle Switch
Mechanical Durability	50000 cycles
Electrical Durability	30000 cycles DC-15 50000 cycles AC-21
Suitability For Isolation	Yes
Connections - Terminals	Power circuit: screw clamp terminals4 mm² - flexible - with cable end Power circuit: screw clamp terminals4 mm² - solid
Tightening Torque	Power circuit: 0.7 N.m - on screw clamp terminals
Handle Front Plate Dimension	60 x 60 mm
Height	60 mm
Width	60 mm
Net Weight	0.177 kg

### **Environment**

Standards	IEC 60947-3	
Product Certifications	GL	
	CSA	
	UL	
	CCC	
	UKCA	
Protective Treatment	TC	
Ip Degree Of Protection	IP65	
Mechanical Robustness	Shocks 11 ms (15 gn) conforming to IEC 60068-2-27 Vibrations 10150 Hz (1 gn) conforming to IEC 60068-2-6	

### **Packing Units**

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	7.9 cm
Package 1 Width	8.5 cm
Package 1 Length	12.0 cm
Package 1 Weight	183.0 g
Unit Type Of Package 2	S03
Number Of Units In Package 2	24
Package 2 Height	30.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	4.865 kg

## **Contractual warranty**

Warranty

18 months



**Green Premium**<sup>TM</sup> **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-CO<sub>2</sub> 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



#### **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