

Product datasheet

Specifications



TeSys Mini-Vario - emergency stop switch disconnecter - 20 A - on door

VCDN20

Price: 599.74 ZAR

Main

Range	TeSys
Product Name	TeSys Mini-VARIO
Device Short Name	VCDN
Product Or Component Type	Emergency stop switch disconnecter
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 4...8 mm

Complementary

Marking	0 - 1
Mounting Support	Handle: door Switch: door
Fixing Mode	Hole with 22.5 mm for handle
[I _{th}] Conventional Free Air Thermal Current	20 A
[I _{the}] Conventional Enclosed Thermal Current	16 A
[I _e] Rated Operational Current	11 A (AC-23) at 400 V
Rated Operational Power In W	4 kW at 230...240 V (AC-23A) 5.5 kW at 400...415 V (AC-23A) 7.5 kW at 500 V (AC-23A) 11 kW at 690 V (AC-23A) 3 kW at 230...240 V (AC-3) 4 kW at 400...415 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
[I _{cm}] Rated Short-Circuit Making Capacity	0.5 kA at 400 V at I _{peak}

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

[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)
Device Composition	Handle Switch
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 4 mm ² - flexible - with cable end Power circuit: screw clamp terminals 4 mm ² - 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 10...150 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

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-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

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