

Product datasheet

Specifications



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

Local distributor code:
386616299

VCDN20

EAN Code: 3389110759914

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}

[I_{cw}] 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
Product 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

Logistical informations

Country of origin CZ

Contractual warranty

Warranty 18 months



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.eq.CO2 per CR, Total Life cycle) **8**

Environmental Disclosure [Product Environmental Profile](#)

Use Better

Materials and Substances

Packaging made with recycled cardboard **Yes**

Packaging without single use plastic **Yes**

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

SCIP Number **F532c3bb-07a1-406c-b2d3-1d0f85334c59**

REACH Regulation [REACH Declaration](#)

PVC free **Yes**

Use Again

Repack and remanufacture

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

Take-back **No**

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

Technical Illustration

Assembly's dimensions

