

Product data sheet

Specifications



Switch disconnector, TeSys
Control, for ON/emergency stop,
20A(VN20), for mounting at back of
an enclosure

VCCDN20

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

Main

Range	TeSys
Product name	TeSys Mini-VARIO
Device short name	VCCDN
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	Extended
Handle colour	Red
Handle front plate colour	Yellow
Rotary handle padlocking	1 to 3 padlocks 0.2...0.3 in (4...8 mm)

Complementary

Marking	0 - 1
Mounting support	Handle door Switch symmetrical rail
Fixing mode	Hole 0.9 in (22.5 mm) handle By clips switch
[Ith] conventional free air thermal current	20 A
[Ithe] conventional enclosed thermal current	16 A
[Ie] rated operational current	11 A AC-23)400 V
Rated operational power in W	4 kW 230...240 V AC-23A) 5.5 kW 400...415 V AC-23A) 7.5 kW 500 V AC-23A) 11 kW 690 V AC-23A) 3 kW 230...240 V AC-3) 4 kW 400...415 V AC-3) 5.5 kW 500 V AC-3) 5.5 kW 690 V AC-3)
Intermittent duty class	30
Making capacity (I Rms)	200 A 400 V AC-21A 200 A 400 V AC-22A 200 A 400 V AC-23A

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

[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 20 A aM 6 kA 400 V 20 A gG
Breaking capacity	200 kA 400 V AC-21A) 200 kA 400 V AC-22A) 200 kA 400 V AC-23A)
Device Composition	Shaft extension 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 0.006 in² (4 mm²) flexible - with cable end Power circuit screw clamp terminals 0.006 in² (4 mm²) solid
Tightening torque	Power circuit 6.2 lbf.in (0.7 N.m) screw clamp terminals
handle front plate dimension	60 x 60 mm
Height	2.4 in (60 mm)
Width	2.4 in (60 mm)
Product Weight	0.736 lb(US) (0.334 kg)

Environment

Standards	IEC 60947-3
Product Certifications	GL CSA CCC UL UKCA
Protective treatment	TC
IP degree of protection	IP65
Mechanical robustness	Shocks 11 ms 15 gn) IEC 60068-2-27 Vibrations 10...150 Hz 1 gn) IEC 60068-2-6

Ordering and shipping details

Category	US10CP121730
Discount Schedule	0CP1
GTIN	3389110759952
Returnability	No
Country of origin	CZ

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	10.039 in (25.500 cm)
Package 1 Width	3.465 in (8.800 cm)
Package 1 Length	2.953 in (7.500 cm)

Package weight(Lbs)	11.217 oz (318.000 g)
Unit Type of Package 2	S03
Number of Units in Package 2	12
Package 2 Height	11.811 in (30.000 cm)
Package 2 Width	11.811 in (30.000 cm)
Package 2 Length	15.748 in (40.000 cm)
Package 2 Weight	9.396 lb(US) (4.262 kg)

Contractual warranty

Warranty (in months)	18
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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

Total lifecycle Carbon footprint	8 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	2 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.1 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	5 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0.8 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile

Use Better



Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
SCIP Number	F532c3bb-07a1-406c-b2d3-1d0f85334c59
EU RoHS Directive	Compliant By Exemption
REACH Regulation	Reference contains Substances of Very High Concern above the threshold
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 Longer



Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

Recyclability potential, in %	42
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.