

Product data sheet

Specifications



Switch disconnector, TeSys Control, for ON/emergency stop, 12A(VN12), for mounting on door

VCDN12

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	AC DC
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
[Ue] rated operational voltage	690 V AC 50/60 Hz
[Uiimp] 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) at 400 V
Rated operational power in W	3 kW at 230...240 V (AC-23A) 4 kW at 400...415 V (AC-23A) 5.5 kW at 500 V (AC-23A) 7.5 kW at 690 V (AC-23A) 1.5 kW at 230...240 V (AC-3) 3 kW at 400...415 V (AC-3) 4 kW at 500 V (AC-3) 4 kW at 690 V (AC-3)
Intermittent duty class	30

Making capacity (I Rms)	120 A at 400 V AC-21A 120 A at 400 V AC-22A 120 A at 400 V AC-23A
[Icm] rated short-circuit making capacity	0.5 kA at 400 V at Ipeak
[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 12 A aM 6 kA at 400 V - associated fuse 12 A gG
Breaking capacity	120 kA at 400 V (AC-21A) 120 kA at 400 V (AC-22A) 120 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 CCC UL CSA UKCA
Protective treatment	TC
IP degree of protection	IP65
Mechanical robustness	Vibrations 10...150 Hz (5 gn) conforming to IEC 60068-2-6 Shocks 11 ms (15 gn) conforming to IEC 60068-2-27
Ambient air temperature for operation	-20...50 °C
Fire resistance	960 °C conforming to IEC 60695-2-1

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	8.5 cm
Package 1 Width	9.0 cm
Package 1 Length	12.5 cm
Package 1 Weight	179.0 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	4.817 kg

Contractual warranty

Warranty	18 months
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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 7

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](#)

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 Again

Repack and remanufacture

End of life manual availability 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

Technical Illustration

Assembly's dimensions

