

Product data sheet

Specifications



Enclosed switch disconnecter, TeSys Control, for ON/emergency stop, 16A, IP65, compact size

VCFN20GE

Main

Range	TeSys
Product name	TeSys Mini-VARIO
Device short name	VCFN
Product or component type	Emergency stop switch disconnecter
Performance level	Standard
Poles description	3P
Control type	Rotary handle
Handle colour	Red
Handle front plate colour	Yellow
Rotary handle padlocking	1 to 3 padlocks 4...8 mm

Complementary

Marking	0 - 1
[Ue] rated operational voltage	690 V AC
[Uimp] rated impulse withstand voltage	8 kV
[Ithe] conventional enclosed thermal current	16 A
[Ie] rated operational current	11 A (AC-23A) at 400 V
Rated operational power in W	5.5 kW at 400 V (AC-23) 4 kW at 400 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
[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 A at 400 V (AC-21A) 200 A at 400 V (AC-22A) 200 A at 400 V (AC-23A)
Mechanical durability	50000 cycles
Electrical durability	30000 cycles DC-1...5 50000 cycles AC-21
Suitability for isolation	Yes

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

Connections - terminals	Control circuit: connector cable(s) 4 mm² flexible with cable end Control circuit: connector cable(s) 4 mm² solid
Tightening torque	Control circuit: 0.7 N.m - on connector
Fire resistance	960 °C conforming to IEC 60595-2-1
handle front plate dimension	60 x 60 mm
Height	131 mm
Width	82.5 mm
Depth	106 mm
Product weight	0.422 kg

Environment

Standards	IEC 60947-4-1
Protective treatment	TC
Mechanical robustness	Vibrations 10...150 Hz (1 gn) conforming to IEC 60068-2-6 Shocks 11 ms (30 Gn) conforming to IEC 60068-2-27
Ambient air temperature for operation	-20...50 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	9.000 cm
Package 1 Width	14.000 cm
Package 1 Length	11.000 cm
Package 1 Weight	305.000 g
Unit Type of Package 2	S02
Number of Units in Package 2	7
Package 2 Height	15.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	2.438 kg
Unit Type of Package 3	P06
Number of Units in Package 3	112
Package 3 Height	75.000 cm
Package 3 Width	60.000 cm
Package 3 Length	80.000 cm
Package 3 Weight	72.452 kg

Contractual warranty

Warranty	18 months
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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	17
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	9ea58720-3cf9-4883-9af8-9d64d3981af2
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

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

