

Product data sheet

Specifications



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

VCFN20GE

Product availability: Stock - Normally stocked in distribution facility

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 0.2...0.3 in (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)400 V
Rated operational power in W	5.5 kW 400 V AC-23) 4 kW 400 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
[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 A 400 V AC-21A) 200 A 400 V AC-22A) 200 A 400 V AC-23A)
Mechanical durability	50000 cycles
Electrical durability	30000 cycles DC-1...5 50000 cycles AC-21
Suitability for isolation	Yes

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

Connections - terminals	Control circuit connector 0.006 in² (4 mm²) flexible with cable end Control circuit connector 0.006 in² (4 mm²) solid
Tightening torque	Control circuit 6.2 lbf.in (0.7 N.m) connector
Fire resistance	1760 °F (960 °C) IEC 60595-2-1
handle front plate dimension	60 x 60 mm
Height	5.2 in (131 mm)
Width	3.2 in (82.5 mm)
Depth	4.2 in (106 mm)
Product Weight	0.930 lb(US) (0.422 kg)

Environment

Standards	IEC 60947-4-1
Protective treatment	TC
Mechanical robustness	Vibrations 10...150 Hz 1 gn) IEC 60068-2-6 Shocks 11 ms 30 Gn) IEC 60068-2-27
Ambient Air Temperature for Operation	-4...122 °F (-20...50 °C)

Ordering and shipping details

Category	US10CP121730
Discount Schedule	0CP1
GTIN	3389110759990
Returnability	Yes
Country of origin	CZ

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	3.543 in (9.000 cm)
Package 1 Width	5.512 in (14.000 cm)
Package 1 Length	4.331 in (11.000 cm)
Package weight(Lbs)	10.758 oz (305.000 g)
Unit Type of Package 2	S02
Number of Units in Package 2	7
Package 2 Height	5.906 in (15.000 cm)
Package 2 Width	11.811 in (30.000 cm)
Package 2 Length	15.748 in (40.000 cm)
Package 2 Weight	5.375 lb(US) (2.438 kg)
Unit Type of Package 3	P06
Number of Units in Package 3	112
Package 3 Height	29.528 in (75.000 cm)
Package 3 Width	23.622 in (60.000 cm)
Package 3 Length	31.496 in (80.000 cm)

Package 3 Weight	159.729 lb(US) (72.452 kg)
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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	17 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	2 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.1 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]	13 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0.9 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	9ea58720-3cf9-4883-9af8-9d64d3981af2
EU RoHS Directive	Compliant
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

Use Longer



Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

Recyclability potential, in %	20
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.

Technical Illustration

Assembly's dimensions

