Product data sheet
Characteristics

VCFN20GE
TeSys Vario enclosed, emergency stop switch disconnector, 16A, IP55



Main

Range	TeSys
Product name	TeSys Mini-VARIO
Device short name	VCFN
Product or Component Type	Emergency stop switch disconnector
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 0.16…0.31 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
Connections - terminals	Control circuit connector 0.01 in² (4 mm²) flexible with cable end Control circuit connector 0.01 in² (4 mm²) solid
Tightening torque	Control circuit 6.20 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	5.16 in (131 mm)
Width	3.25 in (82.5 mm)
Depth	4.17 in (106 mm)
Net Weight	0.93 lb(US) (0.422 kg)

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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	21730-V VARIO SWITCH
Discount Schedule	CP1
GTIN	3389110759990
Nbr. of units in pkg.	1
Package weight(Lbs)	10.72 oz (304.0 g)
Returnability	Yes
Country of origin	CZ

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	3.54 in (9 cm)
Package 1 width	5.51 in (14 cm)
Package 1 Length	4.33 in (11 cm)
Unit Type of Package 2	P06
Number of Units in Package 2	112
Package 2 Weight	159.73 lb(US) (72.452 kg)
Package 2 Height	30.31 in (77 cm)
Package 2 width	23.62 in (60 cm)
Package 2 Length	31.50 in (80 cm)
Unit Type of Package 3	S02
Number of Units in Package 3	7
Package 3 Weight	5.37 lb(US) (2.438 kg)
Package 3 Height	5.91 in (15 cm)
Package 3 width	11.81 in (30 cm)
Package 3 Length	15.75 in (40 cm)

Offer Sustainability

Sustainable offer status	Green Premium product
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
REACh Regulation	REACh Declaration
REACh free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration
Environmental Disclosure	Product Environmental Profile
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Contractual warranty

Warranty	18 months