Product datasheet Characteristics

VCFN20GE

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



Price*: 32.29 GBP



Main

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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 48 mm	

Complementary

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Marking	0 - 1	**************************************
[Ue] rated operational voltage	690 V AC	.9 T
[Uimp] rated impulse withstand voltage	8 kV	
[Ithe] conventional enclosed thermal current	16 A	1.1
[le] rated operational current	11 A (AC-23A) at 400 V	ō
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	
[lcm] rated short-circuit making capacity	0.5 kA at 400 V at Ipeak	
[lcw] 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-15 50000 cycles AC-21	
Suitability for isolation	Yes	
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 10150 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	-2050 °C	

Offer Sustainability

Sustainable offer status	Green Premium product	
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	
Circularity Profile	No need of specific recycling operations	
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	
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