Product datasheet

Specification





TeSys Vario enclosed, emergency switch disconnector, 140A, IP65, long handle

Local distributor code: 393520174

VCF6GEN

EAN Code: 3389119413220

Main

Range	TeSys	
Product name	TeSys VARIO	
Device short name	VCF	
Product or component type	Enclosed emergency stop switch disconnector	
Performance level	High performance	
poles description	3P	
Control type	Rotary handle	
Type of operator	Long 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
[Uimp] rated impulse withstand voltage	8 kV
[Ithe] conventional enclosed thermal current	140 A
[le] rated operational current	83 A (AC-23A) at 400 V
Rated operational power in W	45 kW at 400 V (AC-23) 37 kW at 400 V (AC-3)
Intermittent duty class	30
Making capacity (I rms)	1750 A at 400 V AC-21A 1750 A at 400 V AC-22A 1750 A at 400 V AC-23A
[Icm] rated short-circuit making capacity	2.8 kA at 400 V at Ipeak
[Icw] rated short-time withstand Rms current	2100 A at 400 V duration: 1 s
Rated conditional short-circuit current	10 kA at 400 V - associated fuse 200 A aM 10 kA at 400 V - associated fuse 200 A gG
Breaking capacity	1400 A at 400 V (AC-21A) 1400 A at 400 V (AC-22A) 1400 A at 400 V (AC-23A)
Mechanical durability	30000 cycles
Electrical durability	30000 cycles AC-21 30000 cycles DC-15

Environmental characteristic	Standard environment	
Suitability for isolation	Yes	
Connections - terminals	Screw clamp terminals70 mm² - flexible - with cable end Screw clamp terminals95 mm² - solid	
Tightening torque	22.6 N.m - on screw clamp terminals	
Fire resistance	960 °C conforming to IEC 60595-2-1	
handle front plate dimension	90 x 90 mm	
Height	291 mm	
Width	241 mm	
Depth	191 mm	
Net weight	2.19 kg	

Environment

Standards	IEC 60204 IEC 60947-4-1	
Protective treatment	тс	
IP degree of protection	IP65 conforming to IEC 60529	
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	-2050 °C	

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	30.000 cm
Package 1 Width	20.500 cm
Package 1 Length	30.000 cm
Package 1 Weight	2.908 kg
Unit Type of Package 2	S04
Number of Units in Package 2	2
Package 2 Height	30.000 cm
Package 2 Width	40.000 cm
Package 2 Length	60.000 cm
Package 2 Weight	6.577 kg
Unit Type of Package 3	P06
Number of Units in Package 3	8
Package 3 Height	75.000 cm
Package 3 Width	60.000 cm
Package 3 Length	80.000 cm
Package 3 Weight	38.788 kg

Contractual warranty

Warranty 18 months



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Transparency RoHS/REACh

Well-being performance

	Toxic Heavy Metal Free	
②	Mercury Free	
⊘	Rohs Exemption Information	Yes

Certifications & Standards

Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
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
Circularity Profile	No need of specific recycling operations