Product data sheet Characteristics

VCF02GEGP

Enclosed switch disconnector, TeSys Control, for ON/emergency stop, 10A, IP65, with ground plate



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
Handle colour	Red
Handle front plate colour	Yellow
Rotary handle padlocking	1 to 3 padlocks 48 mm

Complementary

Complementary		
Marking	0 - 1	
[Ue] rated operational voltage	690 V AC	
[Uimp] rated impulse withstand voltage	8 kV	
[Ithe] conventional enclosed thermal current	10 A	
[le] rated operational current	8.1 A (AC-23A) at 400 V	
Rated operational power in W	4 KW at 400 V (AC-23) 3 kW at 400 V (AC-3)	
Intermittent duty class	30	
Making capacity (I rms)	120 A at 400 V AC-21A 120 A at 400 V AC-22A 120 A at 400 V AC-23A	
[lcm] rated short-circuit making capacity	1 kA at 400 V at Ipeak	
[lcw] rated short-time withstand Rms current	300 A at 400 V duration: 1 s	
Rated conditional short-circuit current	10 KA at 400 V - associated fuse 12 A aM 10 kA at 400 V - associated fuse 12 A gG	
Breaking capacity	120 A at 400 V (AC-21A) 120 A at 400 V (AC-22A) 120 A at 400 V (AC-23A)	
Mechanical durability	100000 cycles	
Electrical durability	100000 Cycles AC-21 30000 cycles DC-15	
Environmental characteristic	Standard environment	
Suitability for isolation	Yes	
Connections - terminals	Power circuit: screw clamp terminals2.54 mm² - flexible - with cable end Protective earth: screw clamp terminals2.54 mm² - flexible - with cable end Shield cable earth: cable clips	
Tightening torque	2.1 N.m - on screw clamp terminals	
Fire resistance	960 °C conforming to IEC 60595-2-1	
Handle front plate dimension	60 x 60 mm	
Height	146 mm	
Width	90 mm	
Depth	131 mm	
Net weight	0.5 kg	

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not inherent or and is not to be used for determining suitability or inhability of these products for specific user applications. It is the dourn aren in integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Environment

Standards	IEC 60947-4-1 IEC 60204
Protective treatment	TC
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 operation	-2050 °C

Offer Sustainability

Sustainable offer status	Green Premium product	
REACh Regulation	☑ REACh Declaration	
EU RoHS Directive	Compliant with Exemptions	
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	