

Product datasheet

Specifications



TeSys Vario enclosed, emergency switch disconnecter, 20A, IP65, groundplate

VCF0GEGP

Main

Range	TeSys
Product name	TeSys VARIO
Device short name	VCF
Product or component type	Enclosed emergency stop switch disconnecter
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 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	20 A
[Ie] rated operational current	14.5 A (AC-23A) at 400 V
Rated operational power in W	7.5 kW at 400 V (AC-23) 5.5 kW at 400 V (AC-3)
Intermittent duty class	30
Making capacity (I rms)	250 A at 400 V AC-21A 250 A at 400 V AC-22A 250 A at 400 V AC-23A
[Icm] rated short-circuit making capacity	1 kA at 400 V at Ipeak
[Icw] 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 25 A aM 10 kA at 400 V - associated fuse 25 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	100000 cycles
Electrical durability	100000 cycles AC-21 30000 cycles DC-1...5
Environmental characteristic	Standard environment
Suitability for isolation	Yes
Connections - terminals	Power circuit: screw clamp terminals 2.5...4 mm ² - flexible - with cable end Protective earth: screw clamp terminals 2.5...4 mm ² - 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

Environment

Standards	IEC 60204 IEC 60947-4-1
Protective treatment	TC
IP degree of protection	IP65 conforming to IEC 60529
Mechanical robustness	Vibrations 10...150 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	-20...50 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	470 g
Package 1 Height	14.5 cm
Package 1 width	11.6 cm
Package 1 Length	16 cm

Offer Sustainability

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 Pro-active China RoHS declaration (out of China RoHS legal scope)

Contractual warranty

Warranty	18 months
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