Product data sheet
Characteristics

VCF02GE
TeSys VARIO - enclosed emergency stop switch disconnector - 10 A



Main

Range	TeSys
Product name	TeSys VARIO
Device short name	VCF
Product or component type	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 with 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	10 A
[Ie] rated operational current	8.1 A AC-23A 400 V
Rated operational power in W	3 kW at 400 V AC-3 4 kW at 400 V AC-23
Intermittent duty class	30
Making capacity	120 A at 400 V AC-21A 120 A at 400 V AC-22A 120 A at 400 V AC-23A
[Icm] rated short-circuit making capacity	1 kA at 400 V at Ipeak
[Icw] rated short-time withstand current	300 A at 400 V during 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

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

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	30000 cycles DC-1...5 100000 cycles AC-21
Environmental characteristic	Standard environment
Suitability for isolation	Yes
Connections - terminals	Control circuit : connector cable 10 mm² - cable stiffness: solid - Control circuit : connector cable 6 mm² - cable stiffness: flexible - with cable end cable end
Tightening torque	Control circuit : 2.1 N.m - on connector
Fire resistance	960 °C conforming to IEC 60595-2-1
Base dimension	60 x 60 mm
Height	146 mm
Width	90 mm
Depth	131 mm
Product weight	0.5 kg

Environment

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

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0738 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Need no specific recycling operations

Contractual warranty

Warranty period	18 months