Product datasheet
Characteristics

VCF1

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
Contacts type and composition	3 NO
Network type	AC DC
Control type	Rotary handle
Rotary handle mounting style	Direct
Handle colour	Red
Handle front plate colour	Yellow
Suitability for isolation	Yes

Complementary

Rotary handle padlocking	1 to 3 padlocks 0.16...0.31 in (4...8 mm)
Marking	0 - 1
Mounting support	Handle mounting on door Switch mounting on door
Fixing mode	By 4 screws handle
System Voltage	690 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	8 kV
[Ith] conventional free air thermal current	32 A
[Ithe] conventional enclosed thermal current	25 A
[Ie] rated operational current	21.8 A (AC-23) at 400 V
Rated operational power in W	11 kW at 500 V (AC-23A) 15 kW at 690 V (AC-23A) 1.5 kW at 230...240 V (AC-3) 7.5 kW at 500 V (AC-3) 7.5 kW at 690 V (AC-3) 5.5 kW at 230...240 V (AC-23A) 11 kW at 400...415 V (AC-23A) 7.5 kW at 400...415 V (AC-3)
Intermittent duty class	30
Making capacity	320 A at 400 V (AC-21A) 320 A at 400 V (AC-22A) 320 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	384 A at 400 V during 1 s
Rated conditional short-circuit current	10 kA at 400 V - associated fuse 35 A aM 10 kA at 400 V - associated fuse 35 A gG
Breaking capacity	250 A at 400 V AC-21A 250 A at 400 V AC-22A 250 A at 400 V AC-23A
Device composition	Handle Switch
Mechanical durability	100000 cycles
Electrical durability	30000 cycles DC-1...5 100000 cycles AC-21
Connections - terminals	Power circuit: screw clamp terminals cable 0.01 in² (6 mm²) - cable stiffness: flexible

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	- with cable end Power circuit: screw clamp terminals cable 0.02 in² (10 mm²) - cable stiffness: solid
Tightening torque	Power circuit: 18.58 lbf.in (2.1 N.m) - on screw clamp terminals
Base dimension	60 x 60 mm
Height	2.91 in (74 mm)
Width	2.36 in (60 mm)
Product weight	0.55 lb(US) (0.25 kg)

Environment

standards	IEC 60947-3
product certifications	CCC CSA GL UL
protective treatment	TC
IP degree of protection	IP65 IP20 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	-4...122 °F (-20...50 °C)
fire resistance	1760 °F (960 °C) conforming to IEC 60695-2-1

Offer Sustainability

Green Premium product	Green Premium product
Compliant - since 0733 - Schneider Electric declaration of conformity	Compliant - since 0733 - Schneider Electric declaration of conformity
Reference not containing SVHC above the threshold	Reference not containing SVHC above the threshold
Available	Available
Need no specific recycling operations	Need no specific recycling operations

Contractual warranty

Warranty period	18 months