

VCCF5

TeSys Vario - emergency stop switch disconnecter - 125 A - back of enclosure



Main

Range	TeSys
Product name	TeSys VARIO
Device short name	VCCF
Product or component type	Emergency stop switch disconnecter
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	Extended
Handle colour	Red
Handle front plate colour	Yellow
Rotary handle padlocking	1 to 3 padlocks 4...8 mm

Complementary

Marking	0 - 1
Mounting support	Switch mounting on plate Switch mounting on symmetrical rail Handle mounting on door
Fixing mode	By screws for switch By clips for switch By 4 screws for handle
[Ue] rated operational voltage	690 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	8 kV
[Ith] conventional free air thermal current	125 A
[Ithe] conventional enclosed thermal current	100 A
[Ie] rated operational current	68.5 A (AC-23) at 400 V
Rated operational power in W	37 kW 400...415 V (AC-23A) 22 kW 230...240 V (AC-23A) 45 kW 500 V (AC-23A) 37 kW 690 V (AC-23A) 37 kW 500 V (AC-3) 30 kW 690 V (AC-3) 30 kW 400...415 V (AC-3) 22 kW 230...240 V (AC-3)
Intermittent duty class	30
Making capacity (I Rms)	1250 A 400 V (AC-23A) 1250 A 400 V (AC-22A) 1250 A 400 V (AC-21A)
[Icm] rated short-circuit making capacity	2.8 kA 400 V at Ipeak
[Icw] rated short-time withstand Rms current	1500 A 400 V during 1 s
Rated conditional short-circuit current	10 kA 400 V - associated fuse 125 A gG 10 kA 400 V - associated fuse 125 A aM
Breaking capacity	1000 A 400 V AC-23A 1000 A 400 V AC-22A 1000 A 400 V AC-21A

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Device composition	Handle Switch Shaft extension
Mechanical durability	30000 cycles
Electrical durability	30000 cycles DC-1...5 30000 cycles AC-21
Suitability for isolation	Yes
Connections - terminals	Power circuit : screw clamp terminals cable 70 mm ² - cable stiffness: flexible - with cable end cable end Power circuit : screw clamp terminals cable 95 mm ² - cable stiffness: solid -
Tightening torque	Power circuit : 22.6 N.m - on screw clamp terminals
Handle front plate dimension	90 x 90 mm
Height	125 mm
Width	90 mm
Product weight	1.32 kg
Compatibility code	Main switch disconnecter

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	Shocks 11 ms 30 Gn IEC 60068-2-27 Vibrations 10...150 Hz 1 gn IEC 60068-2-6
Ambient air temperature for operation	-20...50 °C
Fire resistance	960 °C conforming to IEC 60695-2-1

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0738 - Schneider Electric declaration of conformity
REACH	Reference contains SVHC above the threshold - go to CaP for more details
Product environmental profile	Available Download Product Environmental
Product end of life instructions	Need no specific recycling operations