

# Product Datasheet

## Characteristic

# VCCF3

Switch disconnecter, TeSys Control, for ON/emergency stop, 63A, 4 screws fixing, for mounting at back of an enclosure



## Main

Range	TeSys
Product name	TeSys VARIO
Device short name	VCCF
product or component type	Emergency stop switch disconnector

## Complementary

Device composition	Switch Handle Shaft extension
Mounting support	Handle: door Switch: symmetrical rail Switch: plate
Fixing mode	By 4 screws for handle By clips for switch By screws for switch
Performance level	High performance
poles description	3P
Contacts type and composition	3 NO
[Ue] rated operational voltage	690 V AC 50/60 Hz
Rated operational power in W	11 kW at 230...240 V (AC-3) 22 kW at 500 V (AC-3) 22 kW at 690 V (AC-23A) 30 kW at 500 V (AC-23A) 18.5 kW at 400...415 V (AC-3) 18.5 kW at 690 V (AC-3) 15 kW at 230...240 V (AC-23A) 22 kW at 400...415 V (AC-23A)
[Ie] rated operational current	41.5 A AC-23 Ue: 400 V
[Ith] conventional free air thermal current	63 A
[Ithe] conventional enclosed thermal current	50 A
Making capacity	630 A at 400 V AC-21A 630 A at 400 V AC-22A 630 A at 400 V AC-23A
Breaking capacity	500 A at 400 V (AC-21A) 500 A at 400 V (AC-22A)

	500 A at 400 V (AC-23A)
Rated conditional short-circuit current	10 kA at 400 V - associated fuse 63 A aM 10 kA at 400 V - associated fuse 63 A gG
[Icm] rated short-circuit making capacity	2.1 kA at 400 V at I <sub>peak</sub>
[Icw] rated short-time withstand current	756 A at 400 V duration: 1 s
[Uimp] rated impulse withstand voltage	8 kV
Suitability for isolation	Yes
Network type	DC AC
Intermittent duty class	30
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
marking	0 - 1
Mechanical durability	30000 cycles
Electrical durability	30000 cycles AC-21 30000 cycles DC-1...5
Connections - terminals	Power circuit: screw clamp terminals 25 mm <sup>2</sup> - solid Power circuit: screw clamp terminals 16 mm <sup>2</sup> - flexible - with cable end
Tightening torque	Power circuit: 4 N.m - on screw clamp terminals
Base dimension	60 x 60 mm
Height	83 mm
Width	60 mm
net weight	0.44 kg

## Environment

Standards	IEC 60947-3
Product certifications	UL CCC GL CSA UKCA
IP degree of protection	IP20 conforming to IEC 60529 IP65
Protective treatment	TC
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
Fire resistance	960 °C conforming to IEC 60695-2-1
Compatibility code	Main switch disconnector

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	29.500 cm
Package 1 Width	11.500 cm
Package 1 Length	9.700 cm
Package 1 Weight	570.000 g
Unit Type of Package 2	P06
Number of Units in Package 2	55
Package 2 Height	75.000 cm
Package 2 Width	60.000 cm
Package 2 Length	80.000 cm
Package 2 Weight	48.310 kg

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	Reference contains Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant with Exemptions
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	Product out of China RoHS scope. Substance declaration for your information
RoHS exemption information	Yes
Environmental Disclosure	ENVPEP2211006
Circularity Profile	N/A
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
PVC free	Yes