

# Product Datasheet

## Characteristic

# VCCD1

Switch disconnector, TeSys Control, for ON/emergency stop, 32A,  $\tilde{A}$ ~22.5 fixing, for mounting at back of an enclosure



## Main

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

## Complementary

Device composition	Switch Shaft extension Handle
Mounting support	Handle: door Switch: symmetrical rail Switch: plate
Fixing mode	Hole with 22.5 mm 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 500 V (AC-23A) 15 kW at 690 V (AC-23A) 7.5 kW at 500 V (AC-3) 7.5 kW at 690 V (AC-3) 1.5 kW at 230...240 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)
[Ie] rated operational current	21.8 A AC-23 Ue: 400 V
[Ith] conventional free air thermal current	32 A
[Ithe] conventional enclosed thermal current	25 A
Making capacity	320 A at 400 V AC-21A 320 A at 400 V AC-22A 320 A at 400 V AC-23A
Breaking capacity	250 A at 400 V (AC-21A) 250 A at 400 V (AC-22A) 250 A at 400 V (AC-23A)

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
[Icm] rated short-circuit making capacity	1 kA at 400 V at I <sub>peak</sub>
[Icw] rated short-time withstand current	384 A at 400 V duration: 1 s
[Uimp] rated impulse withstand voltage	8 kV
Suitability for isolation	Yes
Network type	AC DC
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	100000 cycles
Electrical durability	100000 cycles AC-21 30000 cycles DC-1...5
Connections - terminals	Power circuit: screw clamp terminals10 mm <sup>2</sup> - solid Power circuit: screw clamp terminals6 mm <sup>2</sup> - flexible - with cable end
Tightening torque	Power circuit: 2.1 N.m - on screw clamp terminals
Base dimension	60 x 60 mm
Height	74 mm
Width	60 mm
net weight	0.392 kg

## Environment

Standards	IEC 60947-3
Product certifications	UL CCC CSA GL 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 disconnecter

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	7.5 cm
Package 1 Width	8.7 cm
Package 1 Length	25.2 cm
Package 1 Weight	352.0 g
Unit Type of Package 2	S03
Number of Units in Package 2	15
Package 2 Height	30.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	5.753 kg

## Offer Sustainability

Sustainable offer status	Green Premium product
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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
Halogen content performance	Halogen free product