



### 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	DC AC
Control type	Rotary handle
Rotary handle mounting style	Extended
Handle colour	Red
Handle front plate colour	Yellow
Suitability for isolation	Yes

### Complementary

Rotary handle padlocking	1 to 3 padlocks 4...8 mm
Marking	0 - 1
Mounting support	Handle: door Switch: symmetrical rail Switch: plate
Fixing mode	By 4 screws for handle By clips for switch By screws for switch
[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

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

[I <sub>th</sub> ] conventional enclosed thermal current	100 A
[I <sub>e</sub> ] rated operational current	68.5 A AC-23 U <sub>e</sub> : 400 V
Rated operational power in W	22 kW at 230...240 V (AC-3) 30 kW at 400...415 V (AC-3) 30 kW at 690 V (AC-3) 37 kW at 500 V (AC-3) 37 kW at 690 V (AC-23A) 45 kW at 500 V (AC-23A) 22 kW at 230...240 V (AC-23A) 37 kW at 400...415 V (AC-23A)
Intermittent duty class	30
Making capacity ( I <sub>Rms</sub> )	1250 A at 400 V AC-21A 1250 A at 400 V AC-22A 1250 A at 400 V AC-23A
[I <sub>cm</sub> ] rated short-circuit making capacity	2.8 kA at 400 V at I <sub>peak</sub>
[I <sub>cw</sub> ] rated short-time withstand Rms current	1500 A at 400 V duration: 1 s
Rated conditional short-circuit current	10 kA at 400 V - associated fuse 125 A aM 10 kA at 400 V - associated fuse 125 A gG
Breaking capacity	1000 A at 400 V (AC-21A) 1000 A at 400 V (AC-22A) 1000 A at 400 V (AC-23A)
Device composition	Handle Switch Shaft extension
Mechanical durability	30000 cycles
Electrical durability	30000 cycles AC-21 30000 cycles DC-1...5
Connections - terminals	Power circuit: screw clamp terminals 95 mm <sup>2</sup> - solid Power circuit: screw clamp terminals 70 mm <sup>2</sup> - flexible - with cable end
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
Net weight	1.32 kg

## Environment

Standards	IEC 60947-3
Product certifications	CCC UL CSA GL
Protective treatment	TC
IP degree of protection	IP20 conforming to IEC 60529 IP65
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

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	1.422 kg
Package 1 Height	10 cm
Package 1 width	11.5 cm
Package 1 Length	30 cm

Unit Type of Package 2	S03
Number of Units in Package 2	4
Package 2 Weight	6.088 kg
Package 2 Height	30 cm
Package 2 width	30 cm
Package 2 Length	40 cm
Unit Type of Package 3	P06
Number of Units in Package 3	32
Package 3 Weight	61.115 kg
Package 3 Height	80 cm
Package 3 width	80 cm
Package 3 Length	60 cm

### Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

### Contractual warranty

Warranty	18 months
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