# Product data sheet Characteristics

# VCF1

# TeSys Vario - emergency stop switch disconnector - 32 A - on door





#### Main

TTT-COLOR		ì
Range	TeSys	
Product name	TeSys VARIO	Ť
Device short name	VCF	
Product or component type	Emergency stop switch disconnector	
Performance level	High performance	
Poles description	3P	<u></u>
Contacts type and composition	3 NO	
Network type	DC AC	
Control type	Rotary handle	
Rotary handle mounting style	Direct	
Handle colour	Red	3
Handle front plate colour	Yellow	ğ
Suitability for isolation	Yes	

### Complementary

Rotary handle padlocking	1 to 3 padlocks 48 mm	9 ±
Marking	0 - 1	
Mounting support	Handle: door Switch: door	
Fixing mode	By 4 screws for handle	
[Ue] rated operational voltage	690 V AC 50/60 Hz	i.
[Uimp] rated impulse withstand voltage	8 kV	
[lth] conventional free air thermal current	32 A	or characteristics
[Ithe] conventional enclosed thermal current	25 A	T. f.

[le] rated operational current	21.8 A AC-23 Ue: 400 V	
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 230240 V (AC-3) 5.5 kW at 230240 V (AC-23A) 11 kW at 400415 V (AC-23A) 7.5 kW at 400415 V (AC-3)	
Intermittent duty class	30	
Making capacity ( I Rms)	320 A at 400 V AC-21A 320 A at 400 V AC-22A 320 A at 400 V AC-23A	
[lcm] rated short-circuit making capacity	1 kA at 400 V at Ipeak	
[lcw] rated short-time withstand Rms current	384 A at 400 V duration: 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	Switch Handle	
Mechanical durability	100000 cycles	
Electrical durability	100000 cycles AC-21 30000 cycles DC-15	
Connections - terminals	Power circuit: screw clamp terminals10 mm² - solid Power circuit: screw clamp terminals6 mm² - flexible - with cable end	
Tightening torque	Power circuit: 2.1 N.m - on screw clamp terminals	
Handle front plate dimension	60 x 60 mm	
Height	74 mm	
Width	60 mm	
Net weight	0.25 kg	

#### Environment

Standards	IEC 60947-3	
oduct certifications  UL  CSA  CCC  GL		
Protective treatment	TC	
IP degree of protection	IP20 conforming to IEC 60529 IP65	
Mechanical robustness	Vibrations 10150 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	-2050 °C	
Fire resistance	960 °C conforming to IEC 60695-2-1	

## Packing Units

PCE	
1	
212 g	
7.9 cm	
8.4 cm	
12 cm	
S03	
24	
5.575 kg	
	1 212 g 7.9 cm 8.4 cm 12 cm S03 24

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	192
Package 3 Weight	54.908 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	REACh Declaration	
REACh free of SVHC	Yes	
EU RoHS Directive	Compliant EU RoHS Declaration	
Toxic heavy metal free	Yes	
Mercury free	Yes	
RoHS exemption information	Yes	
China RoHS Regulation	China RoHS declaration Pro-active China RoHS declaration (out of China RoHS legal scope)	
Environmental Disclosure	Product Environmental Profile	
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	

#### Contractual warranty

Warranty	18 months	