

# Product datasheet

Specifications



## TeSys Vario enclosed, emergency switch disconnecter, 20A, IP65

VCF0GE

### Main

Range	TeSys
Product name	TeSys VARIO
Device short name	VCF
Product or component type	Enclosed emergency stop switch disconnecter
Performance level	High performance
Poles description	3P
Control type	Rotary handle
Handle colour	Red
Handle front plate colour	Yellow
Rotary handle padlocking	1 to 3 padlocks 4...8 mm

### Complementary

Marking	0 - 1
[Ue] rated operational voltage	690 V AC
[Uimp] rated impulse withstand voltage	8 kV
[Ithe] conventional enclosed thermal current	20 A
[Ie] rated operational current	14.5 A (AC-23A) at 400 V
Rated operational power in W	7.5 kW at 400 V (AC-23) 5.5 kW at 400 V (AC-3)
Intermittent duty class	30
Making capacity ( I rms)	250 A at 400 V AC-21A 250 A at 400 V AC-22A 250 A at 400 V AC-23A
[Icm] rated short-circuit making capacity	1 kA at 400 V at Ipeak
[Icw] rated short-time withstand Rms current	300 A at 400 V duration: 1 s
Rated conditional short-circuit current	10 kA at 400 V - associated fuse 25 A aM 10 kA at 400 V - associated fuse 25 A gG
Breaking capacity	200 A at 400 V (AC-21A) 200 A at 400 V (AC-22A) 200 A at 400 V (AC-23A)

<b>Mechanical durability</b>	100000 cycles
<b>Electrical durability</b>	100000 cycles AC-21 30000 cycles DC-1...5
<b>Environmental characteristic</b>	Standard environment
<b>Suitability for isolation</b>	Yes
<b>Connections - terminals</b>	Screw clamp terminals10 mm <sup>2</sup> - solid Screw clamp terminals6 mm <sup>2</sup> - flexible - with cable end
<b>Tightening torque</b>	2.1 N.m - on screw clamp terminals
<b>Fire resistance</b>	960 °C conforming to IEC 60595-2-1
<b>Handle front plate dimension</b>	60 x 60 mm
<b>Height</b>	146 mm
<b>Width</b>	90 mm
<b>Depth</b>	131 mm
<b>Net weight</b>	0.5 kg

## Environment

<b>Standards</b>	IEC 60204 IEC 60947-4-1
<b>Protective treatment</b>	TC
<b>IP degree of protection</b>	IP65 conforming to IEC 60529
<b>Mechanical robustness</b>	Vibrations 10...150 Hz (1 gn) conforming to IEC 60068-2-6 Shocks 11 ms (30 Gn) conforming to IEC 60068-2-27
<b>Ambient air temperature for operation</b>	-20...50 °C

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	11.000 cm
<b>Package 1 Width</b>	14.300 cm
<b>Package 1 Length</b>	15.800 cm
<b>Package 1 Weight</b>	479.000 g
<b>Unit Type of Package 2</b>	S03
<b>Number of Units in Package 2</b>	7
<b>Package 2 Height</b>	30.000 cm
<b>Package 2 Width</b>	30.000 cm
<b>Package 2 Length</b>	40.000 cm
<b>Package 2 Weight</b>	3.756 kg
<b>Unit Type of Package 3</b>	P06
<b>Number of Units in Package 3</b>	56
<b>Package 3 Height</b>	75.000 cm
<b>Package 3 Width</b>	60.000 cm
<b>Package 3 Length</b>	80.000 cm
<b>Package 3 Weight</b>	43.772 kg

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information
RoHS exemption information	Yes
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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## Recommended replacement(s)