

# Product datasheet

Specifications



## TeSys Vario enclosed, emergency switch disconnecter, 10A, IP65, groundplate

VCF02GEGP

### 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	10 A
[Ie] rated operational current	8.1 A (AC-23A) at 400 V
Rated operational power in W	4 kW at 400 V (AC-23) 3 kW at 400 V (AC-3)
Intermittent duty class	30
Making capacity ( I rms)	120 A at 400 V AC-21A 120 A at 400 V AC-22A 120 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 12 A aM 10 kA at 400 V - associated fuse 12 A gG
Breaking capacity	120 A at 400 V (AC-21A) 120 A at 400 V (AC-22A) 120 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>	Power circuit: screw clamp terminals 2.5...4 mm <sup>2</sup> - flexible - with cable end Protective earth: screw clamp terminals 2.5...4 mm <sup>2</sup> - flexible - with cable end Shield cable earth: cable clips
<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 60947-4-1 IEC 60204
<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 Weight</b>	470 g
<b>Package 1 Height</b>	14.5 cm
<b>Package 1 width</b>	11.6 cm
<b>Package 1 Length</b>	16 cm

## Offer Sustainability

<b>REACH Regulation</b>	<a href="#">REACH Declaration</a>
<b>REACH free of SVHC</b>	Yes
<b>EU RoHS Directive</b>	Compliant <a href="#">EU RoHS Declaration</a>
<b>Toxic heavy metal free</b>	Yes
<b>Mercury free</b>	Yes
<b>RoHS exemption information</b>	<a href="#">Yes</a>
<b>China RoHS Regulation</b>	<a href="#">China RoHS declaration</a> Pro-active China RoHS declaration (out of China RoHS legal scope)

## Contractual warranty

<b>Warranty</b>	18 months
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