

# Product data sheet

Specifications



## TeSys Vario - emergency stop switch disconnecter - 125 A - on door

VCF5

### Main

Range	TeSys
Product Name	TeSys VARIO
Device Short Name	VCF
Product Type	Emergency stop switch disconnecter

### Complementary

Device Composition	Switch Handle
Mounting Support	Handle: door Switch: door
Mounting Method	By 4 screws for handle
Performance Level	High performance
Number of Poles	3P
Contact Type and Composition	3 NO
[Ue] IEC Rated Operational Voltage	690 V AC 50/60 Hz
IEC 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)
[Ie] Rated Operational Current	68.5 A AC-23 Ue: 400 V
[Ith] Conventional Free Air Thermal Current	125 A
[Ithe] Conventional Enclosed Thermal Current	100 A
Making Capacity ( I Rms)	1250 A at 400 V AC-21A 1250 A at 400 V AC-22A 1250 A at 400 V AC-23A
Breaking Capacity	1000 A at 400 V (AC-21A) 1000 A at 400 V (AC-22A) 1000 A at 400 V (AC-23A)
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
[Icm] Rated Short Circuit Making Capacity	2.8 kA at 400 V at Ipeak

<b>[Icw] Rated Short Time Withstand Current</b>	1500 A at 400 V duration: 1 s
<b>[Uimp] Rated Impulse Withstand Voltage</b>	8 kV
<b>Suitability for Isolation</b>	Yes
<b>Network Type</b>	AC DC
<b>Intermittent Duty Class</b>	30
<b>Control Type</b>	Rotary handle
<b>Rotary Handle Mounting Style</b>	Direct
<b>Handle Color</b>	Red
<b>Handle Front Plate Color</b>	Yellow
<b>Rotary Handle Padlocking</b>	1 to 3 padlocks 4...8 mm
<b>Marking</b>	0 - 1
<b>Mechanical Durability</b>	30000 cycles
<b>Electrical Durability</b>	30000 cycles AC-21 30000 cycles DC-1...5
<b>IEC Terminal Connection</b>	Power circuit: screw clamp terminals95 mm <sup>2</sup> - solid Power circuit: screw clamp terminals70 mm <sup>2</sup> - flexible - with cable end
<b>Tightening Torque</b>	Power circuit: 22.6 N.m - on screw clamp terminals
<b>Base Dimension</b>	90 x 90 mm
<b>Height</b>	125 mm
<b>Width</b>	90 mm
<b>Product Weight</b>	1.2 kg

## Environment

<b>Standards</b>	IEC 60947-3
<b>Product Certifications</b>	CCC CSA GL UL UKCA
<b>Degree of Protection</b>	IP20 conforming to IEC 60529 IP65
<b>Protective Treatment</b>	TC
<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
<b>Fire Resistance</b>	960 °C conforming to IEC 60695-2-1
<b>Compatibility Code</b>	Main switch disconnecter

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	10.000 cm
<b>Package 1 Width</b>	17.000 cm
<b>Package 1 Length</b>	17.500 cm
<b>Package 1 Weight</b>	1.065 kg
<b>Unit Type of Package 2</b>	P06

<b>Number of Units in Package 2</b>	50
<b>Package 2 Height</b>	75.000 cm
<b>Package 2 Width</b>	80.000 cm
<b>Package 2 Length</b>	60.000 cm
<b>Package 2 Weight</b>	61.250 kg

## Offer Sustainability

<b>Sustainable offer status</b>	Green Premium product
<b>REACH Regulation</b>	<a href="#">REACH Declaration</a>
<b>EU RoHS Directive</b>	Compliant <a href="#">EU RoHS Declaration</a>
<b>Mercury free</b>	Yes
<b>China RoHS Regulation</b>	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information
<b>RoHS exemption information</b>	Yes
<b>Environmental Disclosure</b>	<a href="#">Product Environmental Profile</a>
<b>WEEE</b>	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
<b>California proposition 65</b>	WARNING: This product can expose you to chemicals including: Antimony oxide & Antimony trioxide, which is known to the State of California to cause cancer. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>

## Contractual warranty

<b>Warranty</b>	18 months
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## Recommended replacement(s)