

# Product datasheet

Specifications



## TeSys Vario - emergency stop switch disconnector - 125 A - back of enclosure

Local distributor code: 385365774 VCCF5

### Main

Range	TeSys
Product Name	TeSys VARIO
Device Short Name	VCCF
Product Type	Emergency stop switch disconnector

### Complementary

Device Composition	Handle Switch Shaft extension
Mounting Support	Handle: door Switch: symmetrical rail Switch: plate
Mounting Method	By 4 screws for handle By clips for switch By screws for switch
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)

<b>Rated Conditional Short Circuit Current</b>	10 kA at 400 V - associated fuse 125 A aM 10 kA at 400 V - associated fuse 125 A gG
<b>[Icm] Rated Short Circuit Making Capacity</b>	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>	DC AC
<b>Intermittent Duty Class</b>	30
<b>Control Type</b>	Rotary handle
<b>Rotary Handle Mounting Style</b>	Extended
<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 terminals 95 mm <sup>2</sup> - solid Power circuit: screw clamp terminals 70 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>	1.32 kg

## Environment

<b>Standards</b>	IEC 60947-3
<b>Product Certifications</b>	CCC UL CSA GL 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 disconnector

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Weight</b>	1.269 kg
<b>Package 1 Height</b>	10 cm

Package 1 width	11.5 cm
Package 1 Length	30 cm
Unit Type of Package 2	P06
Number of Units in Package 2	32
Package 2 Weight	61.115 kg
Package 2 Height	77 cm
Package 2 width	80 cm
Package 2 Length	60 cm
Unit Type of Package 3	S03
Number of Units in Package 3	4
Package 3 Weight	5.547 kg
Package 3 Height	30 cm
Package 3 width	30 cm
Package 3 Length	40 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	Yes
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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