

# Product data sheet

Specifications



Switch disconnect, TeSys  
Control, for ON/emergency stop,  
175A, 4 screws fixing, for mounting at  
back of an enclosure

VCCF6

## Main

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

## Complementary

Device Composition	Handle Shaft extension Switch
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	30 kW at 230...240 V (AC-3) 37 kW at 400...415 V (AC-3) 37 kW at 690 V (AC-3) 45 kW at 500 V (AC-3) 45 kW at 690 V (AC-23A) 55 kW at 500 V (AC-23A) 30 kW at 230...240 V (AC-23A) 45 kW at 400...415 V (AC-23A)
[Ie] Rated Operational Current	83 A AC-23 Ue: 400 V
[Ith] Conventional Free Air Thermal Current	175 A
[Ithe] Conventional Enclosed Thermal Current	140 A
Making Capacity ( I Rms)	1750 A at 400 V AC-21A 1750 A at 400 V AC-22A 1750 A at 400 V AC-23A
Breaking Capacity	1400 A at 400 V (AC-21A) 1400 A at 400 V (AC-22A) 1400 A at 400 V (AC-23A)
Rated Conditional Short Circuit Current	10 kA at 400 V - associated fuse 200 A aM 10 kA at 400 V - associated fuse 200 A gG
[Icm] Rated Short Circuit Making Capacity	2.8 kA at 400 V at Ipeak

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

[Icw] Rated Short Time Withstand Current	2100 A at 400 V duration: 1 s
[Uimp] Rated Impulse Withstand Voltage	8 kV
Suitability For Isolation	Yes
Network Type	AC DC
Intermittent Duty Class	30
Control Type	Rotary handle
Rotary Handle Mounting Style	Extended
Handle Color	Red
Handle Front Plate Color	Yellow
Rotary Handle Padlocking	1 to 3 padlocks 4...8 mm
Marking	0 - 1
Mechanical Durability	30000 cycles
Electrical Durability	30000 cycles AC-21 30000 cycles DC-1...5
Iec Terminal Connection	Power circuit: screw clamp terminals95 mm² - solid Power circuit: screw clamp terminals70 mm² - flexible - with cable end
Tightening Torque	Power circuit: 22.6 N.m - on screw clamp terminals
Base Dimension	90 x 90 mm
Height	125 mm
Width	90 mm
Product Weight	1.32 kg

## Environment

Standards	IEC 60947-3
Product Certifications	CSA CCC GL UL UKCA
Degree Of Protection	IP20 conforming to IEC 60529 IP65
Protective Treatment	TC
Mechanical Robustness	Vibrations 10...150 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	-20...50 °C
Fire Resistance	960 °C conforming to IEC 60695-2-1
Compatibility Code	Main switch disconnecter

## Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	30.0 cm
Package 1 Width	11.5 cm
Package 1 Length	10.0 cm

Package 1 Weight	1.268 kg
Unit Type Of Package 2	S03
Number Of Units In Package 2	4
Package 2 Height	30.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	5.544 kg

## Contractual warranty

Warranty	18 months
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## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



Transparency   RoHS/REACH

## Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information   [Yes](#)

## Certifications & Standards

Reach Regulation	<a href="#">REACH Declaration</a>
Eu Rohs Directive	Compliant with Exemptions
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
Circularity Profile	No need of specific recycling operations
California Proposition 65	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="#">www.P65Warnings.ca.gov</a>