

# Product data sheet

## Characteristics

# VCCF6

## TeSys Vario - emergency stop switch disconnector - 175 A - back of enclosure



Product availability: Stock - Normally stocked in distribution facility

Price\*: 606.00 USD



### Main

Range	TeSys
Product name	TeSys VARIO
Device short name	VCCF
Product or component type	Emergency stop switch disconnector

### Complementary

Device composition	Handle Shaft extension Switch
Mounting support	Handle door Switch symmetrical rail Switch plate
Fixing mode	By 4 screws handle By clips switch By screws switch
Performance level	High performance
Poles description	3P
Contacts type and composition	3 NO
[Ue] rated operational voltage	690 V AC 50/60 Hz
Rated operational power in W	30 KW 230...240 V AC-3) 37 KW 400...415 V AC-3) 37 KW 690 V AC-3) 45 KW 500 V AC-3) 45 KW 690 V AC-23A) 55 KW 500 V AC-23A) 30 KW 230...240 V AC-23A) 45 KW 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	1750 A at 400 V AC-21A 1750 A 400 V AC-22A 1750 A 400 V AC-23A

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. \*Prices are indicative. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Breaking capacity	1400 A 400 V AC-21A) 1400 A 400 V AC-22A) 1400 A 400 V AC-23A)
Rated conditional short-circuit current	10 KA 400 V 200 A aM 10 KA 400 V 200 A gG
[Icm] rated short-circuit making capacity	2.8 KA 400 V at Ipeak
[Icw] rated short-time withstand current	2100 A 400 V 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 colour	Red
Handle front plate colour	Yellow
Rotary handle padlocking	1 to 3 padlocks 0.16...0.31 in (4...8 mm)
Marking	0 - 1
Mechanical durability	30000 Cycles
Electrical durability	30000 Cycles AC-21 30000 Cycles DC-1...5
Connections - terminals	Power circuit screw clamp terminals 0.15 in <sup>2</sup> (95 mm <sup>2</sup> ) solid Power circuit screw clamp terminals 0.11 in <sup>2</sup> (70 mm <sup>2</sup> ) flexible - with cable end
Tightening torque	Power circuit 200.03 lbf.in (22.6 N.m) screw clamp terminals
Base dimension	90 x 90 mm
Height	4.92 in (125 mm)
Width	3.54 in (90 mm)
Net weight	2.91 Lb(US) (1.32 kg)

## Environment

Standards	IEC 60947-3
Product certifications	CSA CCC GL UL
IP degree of protection	IP20 conforming to IEC 60529 IP65
Protective treatment	TC
Mechanical robustness	Vibrations 10...150 Hz 1 gn) IEC 60068-2-6 Shocks 11 ms 30 Gn) IEC 60068-2-27
Ambient air temperature for operation	-4...122 °F (-20...50 °C)
Fire resistance	1760 °F (960 °C) IEC 60695-2-1
Compatibility code	Main switch disconnector

## Ordering and shipping details

Category	21730 - V VARIO SWITCH
Discount Schedule	CP1
GTIN	03389110804669
Nbr. of units in pkg.	1
Package weight(Lbs)	3.04 Lb(US) (1.38 kg)
Returnability	Yes
Country of origin	CZ

## Packing Units

Unit Type of Package 1	PCE
Package 1 Height	11.81 In (30 cm)
Package 1 width	4.53 In (11.5 cm)
Package 1 Length	3.94 In (10 cm)
Unit Type of Package 2	S03
Number of Units in Package 2	4
Package 2 Weight	13.40 Lb(US) (6.08 kg)
Package 2 Height	11.81 In (30 cm)
Package 2 width	11.81 In (30 cm)
Package 2 Length	15.75 In (40 cm)

## Offer Sustainability

Sustainable offer status	Green Premium product
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="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
REACH Regulation	<input checked="" type="checkbox"/> <a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant <input checked="" type="checkbox"/> <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<input checked="" type="checkbox"/> Yes
China RoHS Regulation	<input checked="" type="checkbox"/> <a href="#">China RoHS Declaration</a>
Environmental Disclosure	<input checked="" type="checkbox"/> <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
----------	-----------

Product Life Status : **Commercialised**