Product datasheet

Specifications

Switch disconnector,TeSys Control,for ON/emergency stop, 80A,4 screws fixing,for mounting at back of an enclosure

VCCF4

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	18.5 kW at 690 V (AC-3) 15 kW at 230...240 V (AC-3) 22 kW at 400...415 V (AC-3) 30 kW at 500 V (AC-3) 30 kW at 690 V (AC-23A) 37 kW at 500 V (AC-23A) 18.5 kW at 230...240 V (AC-23A) 30 kW at 400...415 V (AC-23A)
[Ie] Rated Operational Current	57 A AC-23 Ue: 400 V
[Ith] Conventional Free Air Thermal Current	80 A
[Ithe] Conventional Enclosed Thermal Current	63 A
Making Capacity (I Rms)	800 A at 400 V AC-21A 800 A at 400 V AC-22A 800 A at 400 V AC-23A
Breaking Capacity	640 A at 400 V (AC-21A) 640 A at 400 V (AC-22A) 640 A at 400 V (AC-23A)
Rated Conditional Short Circuit Current	10 kA at 400 V - associated fuse 80 A aM 10 kA at 400 V - associated fuse 80 A gG
[Icm] Rated Short Circuit Making Capacity	2.1 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	960 A at 400 V duration: 1 s
[Uimp] Rated Impulse Withstand Voltage	8 kV
Suitability For Isolation	Yes
Network Type	DC AC
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 terminals25 mm² - solid Power circuit: screw clamp terminals16 mm² - flexible - with cable end
Tightening Torque	Power circuit: 4 N.m - on screw clamp terminals
Base Dimension	60 x 60 mm
Height	83 mm
Width	60 mm
Product Weight	0.68 kg

Environment

Standards	IEC 60947-3
Product Certifications	UL GL CSA CCC 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 disconnector

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	9.800 cm
Package 1 Width	11.800 cm
Package 1 Length	29.600 cm

Package 1 Weight	570.000 g
Unit Type Of Package 2	S03
Number Of Units In Package 2	5
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	2.850 kg
Unit Type Of Package 3	S06
Number Of Units In Package 3	55
Package 3 Height	73.500 cm
Package 3 Width	60.000 cm
Package 3 Length	80.000 cm
Package 3 Weight	31.350 kg

Contractual warranty

Warranty	18 months

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_2 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

Toxic Heavy Metal Free	
Mercury Free	
Rohs Exemption Information	Yes
Pvc Free	

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	Product Environmental Profile
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