

Product data sheet

Characteristics

VCCF02

TeSys Vario - emergency stop switch disconnector - 12 A - back of enclosure



Main

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

Complementary

Device Composition	Shaft extension Handle 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	3 KW at 400...415 V (AC-3) 4 KW at 500 V (AC-3) 1.5 KW at 230...240 V (AC-3) 5.5 KW at 500 V (AC-23A) 5.5 KW at 690 V (AC-3) 7.5 KW at 690 V (AC-23A) 3 KW at 230...240 V (AC-23A) 4 kW at 400...415 V (AC-23A)
[Ie] Rated Operational Current	8.1 A AC-23 Ue: 400 V
[Ith] Conventional Free Air Thermal Current	12 A
[Ithe] Conventional Enclosed Thermal Current	10 A
Making Capacity (I Rms)	120 A at 400 V AC-21A 120 A at 400 V AC-22A 120 A at 400 V AC-23A
Breaking Capacity	120 A at 400 V (AC-21A) 120 A at 400 V (AC-22A) 120 A at 400 V (AC-23A)
Rated Conditional Short Circuit Current	10 KA at 400 V - associated fuse 12 A aM 10 kA at 400 V - associated fuse 12 A gG
[Icm] Rated Short Circuit Making Capacity	1 kA at 400 V at Ipeak
[Icw] Rated Short Time Withstand Current	300 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	100000 cycles
Electrical Durability	100000 Cycles AC-21 30000 Cycles DC-1 30000 Cycles DC-2 30000 Cycles DC-3 30000 Cycles DC-4 30000 cycles DC-5
IEC Terminal Connection	Power circuit: screw clamp terminals 10 mm ² - solid Power circuit: screw clamp terminals 6 mm ² - flexible - with cable end
Tightening Torque	Power circuit: 2.1 N.m - on screw clamp terminals
Base Dimension	60 x 60 mm
Height	74 mm
Width	60 mm
Product Weight	0.527 kg

Environment

Standards	IEC 60947-3
Product Certifications	CCC UL CSA GL
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 Weight	340 g
Package 1 Height	7.5 cm
Package 1 width	9 cm
Package 1 Length	25.6 cm
Unit Type of Package 2	S02
Number of Units in Package 2	5
Package 2 Weight	1.7 kg
Package 2 Height	15 cm
Package 2 width	30 cm
Package 2 Length	40 cm

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Compliant  EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	 Yes

China RoHS Regulation	 China RoHS Declaration
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
PVC free	Yes
Halogen content performance	Halogen free product

Contractual warranty

Warranty	18 months
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