

Product datasheet

Specifications



TeSys Vario - emergency stop switch disconnecter - 80 A - on door

VCF4

Main

Range	TeSys
Product Name	TeSys VARIO
Device Short Name	VCF
Product Type	Emergency stop switch disconnecter

Complementary

Device Composition	Switch Handle
Mounting Support	Handle: door Switch: door
Mounting Method	By 4 screws for handle
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
[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	Direct
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 terminals 25 mm ² - solid Power circuit: screw clamp terminals 16 mm ² - 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	0.56 kg

Environment

Standards	IEC 60947-3
Product Certifications	CCC GL UL CSA 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	8.000 cm
Package 1 Width	8.200 cm
Package 1 Length	11.800 cm
Package 1 Weight	353.000 g
Unit Type of Package 2	S02

Number of Units in Package 2	12
Package 2 Height	15.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	4.506 kg

Contractual warranty

Warranty	18 months
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[How this information helps you >](#)

Environmental footprint

Carbon footprint (kg.eq.CO2 per CR, Total Life cycle)	166
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Environmental Disclosure	Product Environmental Profile
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Use Better

Materials and Substances

Packaging made with recycled cardboard	Yes
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Packaging without single use plastic	No
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EU RoHS Directive	Compliant with Exemptions
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SCIP Number	63dc4fbe-3f44-4801-881b-22a3bb8008d9
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REACH Regulation	REACH Declaration
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China RoHS Regulation	China RoHS declaration
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PVC free	Yes
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Use Again

Repack and remanufacture

Circularity Profile	No need of specific recycling operations
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WEEE



The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Take-back

No

Image of product / Alternate images

Alternative



