

Product data sheet

Specifications



Switch disconnecter, TeSys Control, for ON/emergency stop, 80A, 4 screws fixing, for mounting on door

VCF4

Product availability: Stock - Normally stocked in distribution facility

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 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 690 V AC-3) 15 kW 230...240 V AC-3) 22 kW 400...415 V AC-3) 30 kW 500 V AC-3) 30 kW 690 V AC-23A) 37 kW 500 V AC-23A) 18.5 kW 230...240 V AC-23A) 30 kW 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 400 V AC-21A 800 A 400 V AC-22A 800 A 400 V AC-23A
Breaking Capacity	640 A 400 V AC-21A) 640 A 400 V AC-22A) 640 A 400 V AC-23A)
Rated Conditional Short Circuit Current	10 kA 400 V 80 A aM 10 kA 400 V 80 A gG
[Icm] Rated Short Circuit Making Capacity	2.1 kA 400 V at Ipeak
[Icw] Rated Short Time Withstand Current	960 A 400 V 1 s
[Uimp] Rated Impulse Withstand Voltage	8 kV

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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

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 0.2...0.3 in (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 0.04 in² (25 mm²) solid Power circuit screw clamp terminals 0.02 in² (16 mm²) flexible - with cable end
Tightening Torque	Power circuit 35.4 lbf.in (4 N.m) screw clamp terminals
Base Dimension	60 x 60 mm
Height	3.3 in (83 mm)
Width	2.4 in (60 mm)
Product Weight	1.23 lb(US) (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) 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	US10CP121730
Discount Schedule	0CP1
GTIN	3389110166002
Returnability	Yes
Country of origin	CZ

Packing Units

Unit Type of Package 1	PCE
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Nbr. of units in pkg.	1
Package 1 Height	3.15 in (8.000 cm)
Package 1 Width	3.23 in (8.200 cm)
Package 1 Length	4.65 in (11.800 cm)
Package weight(Lbs)	12.451 oz (353.000 g)
Unit Type of Package 2	S02
Number of Units in Package 2	12
Package 2 Height	5.91 in (15.000 cm)
Package 2 Width	11.81 in (30.000 cm)
Package 2 Length	15.75 in (40.000 cm)
Package 2 Weight	9.934 lb(US) (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.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Environmental footprint	
Carbon footprint (kg CO2 eq, Total Life cycle)	34
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	Compliant with Exemptions
SCIP Number	63dc4fbe-3f44-4801-881b-22a3bb8008d9
REACH Regulation	REACH Declaration
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 www.P65Warnings.ca.gov
PVC free	Yes

Use Again


Repack and remanufacture	
Circularity Profile	No need of specific recycling operations
Take-back	No
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Image of product / Alternate images

Alternative



