

Product data sheet

Specifications



Switch disconnecter, TeSys
Control, for ON/emergency stop,
175A, 4 screws fixing, for mounting
on door

VCF6

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	Handle Switch
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	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 (I Rms)	1750 A 400 V AC-21A 1750 A 400 V AC-22A 1750 A 400 V AC-23A
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

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

[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	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 0.1 in² (95 mm²) solid Power circuit screw clamp terminals 0.1 in² (70 mm²) 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	4.9 in (125 mm)
Width	3.5 in (90 mm)
Product Weight	2.6 lb(US) (1.2 kg)

Environment

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

Ordering and shipping details

Category	US10CP121730
Discount Schedule	0CP1
GTIN	3389110804645
Returnability	Yes
Country of origin	CZ

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	6.89 in (17.5 cm)
Package 1 Width	6.69 in (17.0 cm)
Package 1 Length	3.94 in (10.0 cm)
Package weight(Lbs)	2.346 lb(US) (1.064 kg)
Unit Type of Package 2	S03
Number of Units in Package 2	6
Package 2 Height	11.81 in (30.0 cm)
Package 2 Width	11.81 in (30.0 cm)
Package 2 Length	15.75 in (40.0 cm)
Package 2 Weight	15.086 lb(US) (6.843 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)	40
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	73f8ccb0-787b-4ecb-8a07-03c601b2e02a
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

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.