Product data sheet
Characteristics

VCF5
TeSys Vario - emergency stop switch disconnector - 125 A - on door

Product availability: Stock - Normally stocked in distribution facility

Price*: 401.00 USD

Main

Commercial Status	Commercialised
Range	TeSys
Product name	TeSys VARIO
Device short name	VCF
Product or component type	Emergency stop switch disconnector
Performance level	High performance
Poles description	3P
Contacts type and composition	3 NO
Network type	AC DC
Control type	Rotary handle
Rotary handle mounting style	Direct
Handle colour	Red
Handle front plate colour	Yellow
Rotary handle padlocking	1 to 3 padlocks 0.16...0.31 in (4...8 mm)

Complementary

Marking	0 - 1
Mounting support	Switch mounting on door Handle mounting on door
Fixing mode	By 4 screws handle
System Voltage	690 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	8 kV
[Ith] conventional free air thermal current	125 A
[Ithe] conventional enclosed thermal current	100 A
[Ie] rated operational current	68.5 A (AC-23) at 400 V
Rated operational power in W	37 kW 400...415 V (AC-23A) 22 kW 230...240 V (AC-23A) 45 kW 500 V (AC-23A) 37 kW 690 V (AC-23A) 37 kW 500 V (AC-3) 30 kW 690 V (AC-3) 30 kW 400...415 V (AC-3) 22 kW 230...240 V (AC-3)
Intermittent duty class	30
Making capacity	1250 A 400 V (AC-23A) 1250 A 400 V (AC-22A) 1250 A 400 V (AC-21A)
[Icm] rated short-circuit making capacity	2.8 kA 400 V at Ipeak

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein.
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.
It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof.
Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein. *Prices are indicative

[Icw] rated short-time withstand current	1500 A 400 V during 1 s
Rated conditional short-circuit current	10 kA 400 V - associated fuse 125 A gG 10 kA 400 V - associated fuse 125 A aM
Breaking capacity	1000 A 400 V AC-23A 1000 A 400 V AC-22A 1000 A 400 V AC-21A
Device composition	Handle Switch
Mechanical durability	30000 cycles
Electrical durability	30000 cycles DC-1...5 30000 cycles AC-21
Suitability for isolation	Yes
Connections - terminals	Power circuit: screw clamp terminals cable 0.11 in² (70 mm²) - cable stiffness: flexible - with cable end cable end Power circuit: screw clamp terminals cable 0.15 in² (95 mm²) - cable stiffness: solid -
Tightening torque	Power circuit: 200 lbf.in (22.6 N.m) - on screw clamp terminals
Base dimension	90 x 90 mm
Height	4.92 in (125 mm)
Width	3.54 in (90 mm)
Product weight	2.65 lb(US) (1.2 kg)
Compatibility code	Main switch disconnector

Environment

Standards	IEC 60947-3
Product certifications	CCC CSA GL UL
Protective treatment	TC
IP degree of protection	IP65 IP20 conforming to IEC 60529
Mechanical robustness	Shocks 11 ms 30 Gn IEC 60068-2-27 Vibrations 10...150 Hz 1 gn IEC 60068-2-6
Ambient air temperature for operation	-4...122 °F (-20...50 °C)
Fire resistance	1760 °F (960 °C) conforming to IEC 60695-2-1

Ordering and shipping details

Category	21730 - V VARIO SWITCH
Discount Schedule	CP1
GTIN	00785901770466
Nbr. of units in pkg.	1
Package weight(Lbs)	2.67
Product availability	Stock - Normally stocked in distribution facility
Returnability	Y
Country of origin	CZ

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0738 - Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold
Product environmental profile	Available Download Product Environmental Profile
Product end of life instructions	Need no specific recycling operations

Contractual warranty

Period	18 months