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Product data sheet
Characteristics

VCCF5
TeSys Vario - emergency stop switch disconnector - 125 A - back of enclosure



Main

Range	TeSys
Product name	TeSys VARIO
Device short name	VCCF
Product or component type	Emergency stop switch disconnector
Performance level	High performance
Poles description	3P
Contacts type and composition	3 NO
Network type	DC AC
Control type	Rotary handle
Rotary handle mounting style	Extended
Handle colour	Red
Handle front plate colour	Yellow
Suitability for isolation	Yes

Complementary

Rotary handle padlocking	1 to 3 padlocks 0.16…0.31 in (4…8 mm)
Marking	0 - 1
Mounting support	Handle door Switch symmetrical rail Switch plate
Fixing mode	By 4 screws handle By clips switch By screws switch
[Ue] rated operational 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 Ue: 400 V
Rated operational power in W	22 KW 230...240 V AC-3) 30 KW 400...415 V AC-3) 30 KW 690 V AC-3) 37 KW 500 V AC-3) 37 KW 690 V AC-23A) 45 KW 500 V AC-23A) 22 KW 230...240 V AC-23A) 37 kW 400...415 V AC-23A)
Intermittent duty class	30
Making capacity (I Rms)	1250 A 400 V AC-21A 1250 A 400 V AC-22A 1250 A 400 V AC-23A
[Icm] rated short-circuit making capacity	2.8 kA 400 V at Ipeak
[Icw] rated short-time withstand Rms current	1500 A 400 V 1 s
Rated conditional short-circuit current	10 KA 400 V 125 A aM 10 kA 400 V 125 A gG
Breaking capacity	1000 A 400 V AC-21A) 1000 A 400 V AC-22A) 1000 A 400 V AC-23A)

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Device composition	Handle Switch Shaft extension
Mechanical durability	30000 cycles
Electrical durability	30000 Cycles AC-21 30000 cycles DC-1...5
Connections - terminals	Power circuit screw clamp terminals 0.15 in² (95 mm²) solid Power circuit screw clamp terminals 0.11 in² (70 mm²) flexible - with cable end
Tightening torque	Power circuit 200.03 lbf.in (22.6 N.m) screw clamp terminals
Handle front plate dimension	90 x 90 mm
Height	4.92 in (125 mm)
Maximum Width	3.54 in (90 mm)
Net Weight	2.91 lb(US) (1.32 kg)

Environment

Standards	IEC 60947-3
Product certifications	CCC UL CSA GL
Protective treatment	TC
IP degree of protection	IP20 conforming to IEC 60529 IP65
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

Ordering and shipping details

Category	21730 - V VARIO SWITCH
Discount Schedule	CP1
GTIN	00785901305620
Nbr. of units in pkg.	1
Package weight(Lbs)	3.1 lb(US) (1.41 kg)
Returnability	Yes
Country of origin	CZ

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	3.94 in (10 cm)
Package 1 width	4.53 in (11.5 cm)
Package 1 Length	11.81 in (30 cm)
Unit Type of Package 2	S03
Number of Units in Package 2	4
Package 2 Weight	13.42 lb(US) (6.088 kg)
Package 2 Height	11.81 in (30 cm)
Package 2 width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)
Unit Type of Package 3	P06
Number of Units in Package 3	32
Package 3 Weight	134.74 lb(US) (61.115 kg)
Package 3 Height	31.50 in (80 cm)
Package 3 width	31.50 in (80 cm)
Package 3 Length	23.62 in (60 cm)

Offer Sustainability

Sustainable offer status	Green Premium product
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
REACh Regulation	REACh Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
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.

Contractual warranty

Warranty	18 months

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