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Product data sheet
Characteristics

VCCF02
TeSys Vario - emergency stop switch disconnector - 12 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	AC DC
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	12 A
[Ithe] conventional enclosed thermal current	10 A
[Ie] rated operational current	8.1 A AC-23 Ue: 400 V
Rated operational power in W	3 KW 400...415 V AC-3) 4 KW 500 V AC-3) 1.5 KW 230...240 V AC-3) 5.5 KW 500 V AC-23A) 5.5 KW 690 V AC-3) 7.5 KW 690 V AC-23A) 3 KW 230...240 V AC-23A) 4 kW 400...415 V AC-23A)
Intermittent duty class	30
Making capacity (I Rms)	120 A 400 V AC-21A 120 A 400 V AC-22A 120 A 400 V AC-23A
[Icm] rated short-circuit making capacity	1 kA 400 V at Ipeak
[Icw] rated short-time withstand Rms current	300 A 400 V 1 s
Rated conditional short-circuit current	10 KA 400 V 12 A aM 10 kA 400 V 12 A gG
Breaking capacity	120 A 400 V AC-21A) 120 A 400 V AC-22A) 120 A 400 V AC-23A)

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Device composition	Shaft extension Handle Switch
Mechanical durability	100000 cycles
Electrical durability	100000 Cycles AC-21 30000 Cycles DC-1 30000 Cycles DC-2 30000 Cycles DC-3 30000 Cycles DC-4 30000 cycles DC-5
Connections - terminals	Power circuit screw clamp terminals 0.02 in² (10 mm²) solid Power circuit screw clamp terminals 0.01 in² (6 mm²) flexible - with cable end
Tightening torque	Power circuit 18.59 lbf.in (2.1 N.m) screw clamp terminals
Handle front plate dimension	60 x 60 mm
Height	2.91 in (74 mm)
Maximum Width	2.36 in (60 mm)
Net Weight	1.16 lb(US) (0.527 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	00785901613534
Nbr. of units in pkg.	1
Package weight(Lbs)	0.78 lb(US) (0.35 kg)
Returnability	Yes
Country of origin	CZ

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	2.95 in (7.5 cm)
Package 1 width	3.54 in (9 cm)
Package 1 Length	10.08 in (25.6 cm)
Unit Type of Package 2	S02
Number of Units in Package 2	5
Package 2 Weight	3.75 lb(US) (1.7 kg)
Package 2 Height	5.91 in (15 cm)
Package 2 width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 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
REACh free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
Toxic heavy metal free	Yes
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.
PVC free	Yes
Halogen content performance	Halogen free product

Contractual warranty

Warranty	18 months