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Product data sheet
Characteristics

VCF4
TeSys Vario - emergency stop switch disconnector - 80 A - on door



Main

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	DC AC
Control type	Rotary handle
Rotary handle mounting style	Direct
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 door
Fixing mode	By 4 screws handle
[Ue] rated operational voltage	690 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	8 kV
[Ith] conventional free air thermal current	80 A
[Ithe] conventional enclosed thermal current	63 A
[Ie] rated operational current	57 A AC-23 Ue: 400 V
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)
Intermittent duty class	30
Making capacity (I Rms)	800 A 400 V AC-21A 800 A 400 V AC-22A 800 A 400 V AC-23A
[Icm] rated short-circuit making capacity	2.1 kA 400 V at Ipeak
[Icw] rated short-time withstand Rms current	960 A 400 V 1 s
Rated conditional short-circuit current	10 KA 400 V 80 A aM 10 kA 400 V 80 A gG
Breaking capacity	640 A 400 V AC-21A) 640 A 400 V AC-22A) 640 A 400 V AC-23A)
Device composition	Switch Handle
Mechanical durability	30000 cycles

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Electrical durability	30000 Cycles AC-21 30000 cycles DC-1...5
Connections - terminals	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 35.40 lbf.in (4 N.m) screw clamp terminals
Handle front plate dimension	60 x 60 mm
Height	3.27 in (83 mm)
Maximum Width	2.36 in (60 mm)
Net Weight	1.23 lb(US) (0.56 kg)

Environment

Standards	IEC 60947-3
Product certifications	CCC GL UL CSA
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	00785901171010
Nbr. of units in pkg.	1
Package weight(Lbs)	0.7 lb(US) (0.32 kg)
Returnability	Yes
Country of origin	CZ

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	3.07 in (7.8 cm)
Package 1 width	3.35 in (8.5 cm)
Package 1 Length	4.72 in (12 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

Contractual warranty

Warranty	18 months

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