Product data sheet
Characteristics

VCF4

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 4…8 mm
Marking	0 - 1
Mounting support	Handle: door Switch: door
Fixing mode	By 4 screws for 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 at 690 V (AC-3) 15 KW at 230...240 V (AC-3) 22 KW at 400...415 V (AC-3) 30 KW at 500 V (AC-3) 30 KW at 690 V (AC-23A) 37 KW at 500 V (AC-23A) 18.5 KW at 230...240 V (AC-23A) 30 KW at 400...415 V (AC-23A)
Intermittent duty class	30
Making capacity	800 A at 400 V AC-21A 800 A at 400 V AC-22A 800 A at 400 V AC-23A
[Icm] rated short-circuit making capacity	2.1 KA at 400 V at Ipeak
[Icw] rated short-time withstand current	960 A at 400 V duration: 1 s

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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.
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Rated conditional short-circuit current	10 KA at 400 V - associated fuse 80 A aM 10 KA at 400 V - associated fuse 80 A gG
Breaking capacity	640 A at 400 V (AC-21A) 640 A at 400 V (AC-22A) 640 A at 400 V (AC-23A)
Device composition	Switch Handle
Mechanical durability	30000 Cycles
Electrical durability	30000 Cycles AC-21 30000 Cycles DC-1...5
Connections - terminals	Power circuit: screw clamp terminals25 mm² - solid Power circuit: screw clamp terminals16 mm² - flexible - with cable end
Tightening torque	Power circuit: 4 N.m - on screw clamp terminals
Base dimension	60 x 60 mm
Height	83 Mm
Width	60 Mm
Net weight	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) conforming to IEC 60068-2-6 Shocks 11 ms (30 Gn) conforming to IEC 60068-2-27
Ambient air temperature for operation	-20…50 °C
Fire resistance	960 °C conforming to IEC 60695-2-1

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	346.1 G
Package 1 Height	7.8 Cm
Package 1 width	8.5 Cm
Package 1 Length	12 Cm

Offer Sustainability

Sustainable offer status	Green Premium product
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

Contractual warranty

Warranty	18 months

Product Life Status : Commercialised