



Main

Range	TeSys
Product name	TeSys Mini-VARIO
Device short name	VCFN
Product or component type	Emergency stop switch disconnecter
Performance level	Standard
Poles description	3P
Control type	Rotary handle
Handle colour	Red
Handle front plate colour	Yellow
Rotary handle padlocking	1 to 3 padlocks 4...8 mm

Complementary

Marking	0 - 1
[Ue] rated operational voltage	690 V AC
[Uimp] rated impulse withstand voltage	8 kV
[Ithe] conventional enclosed thermal current	10 A
[Ie] rated operational current	8.1 A (AC-23A) at 400 V
Rated operational power in W	4 kW at 400 V (AC-23) 3 kW at 400 V (AC-3)
Intermittent duty class	30
Making capacity (I Rms)	120 A at 400 V AC-21A 120 A at 400 V AC-22A 120 A at 400 V AC-23A
[Icm] rated short-circuit making capacity	0.5 kA at 400 V at Ipeak
[Icw] rated short-time withstand Rms current	140 A at 400 V duration: 1 s

Rated conditional short-circuit current	6 kA at 400 V - associated fuse 12 A aM 6 kA at 400 V - associated fuse 12 A gG
Breaking capacity	120 A at 400 V (AC-22A) 120 A at 400 V (AC-23A) 120 A (AC-21A)
Mechanical durability	50000 cycles
Electrical durability	30000 cycles DC-1...5 50000 cycles AC-21
Suitability for isolation	Yes
Connections - terminals	Control circuit: connector cable(s) 4 mm ² flexible with cable end Control circuit: connector cable(s) 4 mm ² solid
Tightening torque	Control circuit: 0.7 N.m - on connector
Fire resistance	960 °C conforming to IEC 60595-2-1
Handle front plate dimension	60 x 60 mm
Height	131 mm
Width	82.5 mm
Depth	106 mm
Net weight	0.422 kg

Environment

Standards	IEC 60947-4-1
Protective treatment	TC
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

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	304 g
Package 1 Height	9 cm
Package 1 width	11 cm
Package 1 Length	14 cm
Unit Type of Package 2	S02
Number of Units in Package 2	7
Package 2 Weight	2.471 kg
Package 2 Height	15 cm
Package 2 width	30 cm
Package 2 Length	40 cm
Unit Type of Package 3	P06
Number of Units in Package 3	112
Package 3 Weight	49.972 kg
Package 3 Height	80 cm
Package 3 width	80 cm
Package 3 Length	60 cm

Offer Sustainability

Sustainable offer status	Green Premium product
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

Contractual warranty

Warranty	12 months
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