



Main

Range	TeSys
Product name	TeSys Mini-VARIO
Device short name	VCFN
Product or component type	Enclosed 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 with 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
Intermittent duty class	30
Making capacity (I Rms)	120 A at 400 V AC-23A 120 A at 400 V AC-22A 120 A at 400 V AC-21A
[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 during 1 s
Rated conditional short-circuit current	6 kA at 400 V - associated fuse 12 A gG 6 kA at 400 V - associated fuse 12 A aM
Breaking capacity	120 A (AC-21A) 120 A at 400 V (AC-23A) 120 A at 400 V (AC-22A)
Mechanical durability	50000 cycles
Electrical durability	50000 cycles AC-21 30000 cycles DC-1...5
Suitability for isolation	Yes
Connections - terminals	Control circuit : connector cable 4 mm ² - cable stiffness: solid - Control circuit : connector cable 4 mm ² - cable stiffness: flexible - with cable end
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
Product weight	0.422 kg

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Environment

Standards	IEC 60947-4-1
Product certifications	CSA GL UL
Protective treatment	TC
IP degree of protection	IP55 with protection shrouds conforming to IEC 60529
Mechanical robustness	Shocks 11 ms 30 Gn IEC 60068-2-27 Vibrations 10...150 Hz 1 gn IEC 60068-2-6
Ambient air temperature for operation	-20...50 °C

Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 0738 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold