



Main

Range	TeSys
Product name	TeSys VARIO
Device short name	VBF
Device application	Preventive maintenance
Product or component type	Switch disconnecter
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	Direct
Handle colour	Black
Handle front plate colour	Black
Suitability for isolation	Yes

Complementary

Rotary handle padlocking	1 to 3 padlocks 4...8 mm
Marking	0 - 1
Mounting support	Handle mounting on door Switch mounting on 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	20 A
[Ithe] conventional enclosed thermal current	16 A

Disclaimer: 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

[I _e] rated operational current	11 A (AC-23) at 400 V
Rated operational power in W	11 kW at 690 V (AC-23A) 3 kW at 230...240 V (AC-3) 4 kW at 400...415 V (AC-3) 5.5 kW at 500 V (AC-3) 7.5 kW at 500 V (AC-23A) 7.5 kW at 690 V (AC-3) 4 kW at 230...240 V (AC-23A) 5.5 kW at 400...415 V (AC-23A)
Intermittent duty class	30
Making capacity (I Rms)	200 A at 400 V (AC-21A) 200 A at 400 V (AC-22A) 200 A at 400 V (AC-23A)
[I _{cm}] rated short-circuit making capacity	1 kA at 400 V at I _{peak}
[I _{cw}] rated short-time withstand Rms current	300 A at 400 V during 1 s
Rated conditional short-circuit current	10 kA at 400 V - associated fuse 20 A aM 10 kA at 400 V - associated fuse 20 A gG
Breaking capacity	200 A at 400 V AC-21A 200 A at 400 V AC-22A 200 A at 400 V AC-23A
Device composition	Handle Switch
Mechanical durability	100000 cycles
Electrical durability	30000 cycles DC-1...5 100000 cycles AC-21
Connections - terminals	Power circuit : screw clamp terminals cable 6 mm ² - cable stiffness: flexible - with cable end Power circuit : screw clamp terminals cable 10 mm ² - cable stiffness: solid
Tightening torque	Power circuit : 2.1 N.m - on screw clamp terminals
Handle front plate dimension	60 x 60 mm
Height	74 mm
Width	60 mm
Product weight	0.25 kg

Environment

Standards	IEC 60947-3
Product certifications	CCC CSA GL UL
Protective treatment	TC
IP degree of protection	IP65 IP20 conforming to IEC 60529
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	-20...50 °C
Fire resistance	960 °C conforming to IEC 60695-2-1

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0733 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Need no specific recycling operations

Contractual warranty

Warranty period	18 months
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