



Main

Range	TeSys
Product name	TeSys VARIO
Device short name	VBF
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
Rotary handle padlocking	1 to 3 padlocks 4...8 mm

Complementary

Marking	0 - 1
Mounting support	Switch mounting on door Handle 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	12 A
[Ithe] conventional enclosed thermal current	10 A
[Ie] rated operational current	8.1 A (AC-23) at 400 V
Rated operational power in W	4 kW 400...415 V (AC-23A) 3 kW 230...240 V (AC-23A) 7.5 kW 690 V (AC-23A) 5.5 kW 690 V (AC-3) 5.5 kW 500 V (AC-23A) 1.5 kW 230...240 V (AC-3) 4 kW 500 V (AC-3) 3 kW 400...415 V (AC-3)
Intermittent duty class	30
Making capacity (I Rms)	120 A 400 V (AC-23A) 120 A 400 V (AC-22A) 120 A 400 V (AC-21A)
[Icm] rated short-circuit making capacity	1 kA 400 V at Ipeak
[Icw] rated short-time withstand Rms current	300 A 400 V during 1 s
Rated conditional short-circuit current	10 kA 400 V - associated fuse 12 A gG 10 kA 400 V - associated fuse 12 A aM
Breaking capacity	120 A 400 V AC-23A 120 A 400 V AC-22A 120 A 400 V AC-21A
Device composition	Handle Switch

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Mechanical durability	100000 cycles
Electrical durability	30000 cycles DC-5 30000 cycles DC-4 30000 cycles DC-3 30000 cycles DC-2 30000 cycles DC-1 100000 cycles AC-21
Suitability for isolation	Yes
Connections - terminals	Power circuit : screw clamp terminals cable 6 mm ² - cable stiffness: flexible - with cable end 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
Compatibility code	Main switch disconnecter

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	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
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
REACH	Reference contains SVHC above the threshold - go to CaP for more details
Product environmental profile	Available Download Product Environmental
Product end of life instructions	Need no specific recycling operations