Product data sheet
Characteristics

VBF1
TeSys Vario - switch disconnector - 32 A - on door



Main

Range	TeSys
Product name	TeSys VARIO
Device short name	VBF
Device application	Preventive maintenance
Product or component type	Switch disconnector
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	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	32 A
[Ithe] conventional enclosed thermal current	25 A
[Ie] rated operational current	21.8 A (AC-23) at 400 V
Rated operational power in W	11 kW 500 V (AC-23A) 15 kW 690 V (AC-23A) 7.5 kW 500 V (AC-3) 7.5 kW 690 V (AC-3) 1.5 kW 230...240 V (AC-3) 5.5 kW 230...240 V (AC-23A) 11 kW 400...415 V (AC-23A) 7.5 kW 400...415 V (AC-3)
Intermittent duty class	30
Making capacity (I Rms)	320 A 400 V (AC-21A) 320 A 400 V (AC-22A) 320 A 400 V (AC-23A)
[Icm] rated short-circuit making capacity	1 kA 400 V at Ipeak
[Icw] rated short-time withstand Rms current	384 A 400 V during 1 s
Rated conditional short-circuit current	10 kA 400 V - associated fuse 35 A aM 10 kA 400 V - associated fuse 35 A gG
Breaking capacity	250 A 400 V AC-21A 250 A 400 V AC-22A 250 A 400 V AC-23A

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Device composition	Handle Switch
Mechanical durability	100000 cycles
Electrical durability	100000 cycles AC-21 30000 cycles DC-1...5
Suitability for isolation	Yes
Connections - terminals	Power circuit : screw clamp terminals cable 10 mm² - cable stiffness: solid - Power circuit : screw clamp terminals cable 6 mm² - cable stiffness: flexible - with cable end
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 disconnector

Environment

Standards	IEC 60947-3
Product certifications	CCC CSA GL UL
Protective treatment	TC
IP degree of protection	IP20 conforming to IEC 60529 IP65
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
REACh	Reference not containing SVHC above the threshold
Product environmental profile	Available Download Product Environmental
Product end of life instructions	Need no specific recycling operations