



### Main

Range	TeSys
Product name	TeSys Mini-VARIO
Device short name	VBDN
Product or component type	Switch disconnecter
Performance level	Standard
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	Hole with 22.5 mm for handle
[Ue] rated operational voltage	690 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	6 kV
[Ith] conventional free air thermal current	20 A
[Ithe] conventional enclosed thermal current	16 A
[Ie] rated operational current	11 A (AC-23) at 400 V
Rated operational power in W	4 kW 230...240 V (AC-23A) 5.5 kW 400...415 V (AC-23A)

	7.5 kW 500 V (AC-23A) 11 kW 690 V (AC-23A) 3 kW 230...240 V (AC-3) 4 kW 400...415 V (AC-3) 5.5 kW 500 V (AC-3) 5.5 kW 690 V (AC-3)
Intermittent duty class	30
Making capacity ( I Rms)	200 A 400 V (AC-21A) 200 A 400 V (AC-22A) 200 A 400 V (AC-23A)
[Icm] rated short-circuit making capacity	0.5 kA 400 V at Ipeak
[Icw] rated short-time withstand Rms current	140 A 400 V during 1 s
Rated conditional short-circuit current	6 kA 400 V - associated fuse 20 A aM 6 kA 400 V - associated fuse 20 A gG
Breaking capacity	200 kA 400 V AC-21A 200 kA 400 V AC-22A 200 kA 400 V AC-23A
Device composition	Handle Switch
Mechanical durability	50000 cycles
Electrical durability	30000 cycles DC-1...5 50000 cycles AC-21
Suitability for isolation	Yes
Connections - terminals	Power circuit : screw clamp terminals cable 4 mm <sup>2</sup> - cable stiffness: flexible - with cable end cable end Power circuit : screw clamp terminals cable 4 mm <sup>2</sup> - cable stiffness: solid -
Tightening torque	Power circuit : 0.7 N.m - on screw clamp terminals
Handle front plate dimension	60 x 60 mm
Height	60 mm
Width	60 mm
Product weight	0.177 kg

## Environment

Standards	IEC 60947-3
Product certifications	CCC CSA GL UL
Protective treatment	TC
IP degree of protection	IP65
Mechanical robustness	Shocks 11 ms 15 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 <a href="#">Schneider Electric declaration of conformity</a>
REACH	Reference not containing SVHC above the threshold <a href="#">Reference not containing SVHC above the threshold</a>
Product environmental profile	Available
Product end of life instructions	Need no specific recycling operations

## Contractual warranty

Warranty period	18 months
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