

## VBDN12

TeSys Mini-Vario – učinski rastavljač – 12 A – na vrata



### Glavno

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

### Komplementarno

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	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	3 kW 230...240 V (AC-23A) 4 kW 400...415 V (AC-23A) 5.5 kW 500 V (AC-23A) 7.5 kW 690 V (AC-23A) 1.5 kW 230...240 V (AC-3) 3 kW 400...415 V (AC-3) 4 kW 500 V (AC-3) 4 kW 690 V (AC-3)
Intermittent duty class	30
Making capacity	120 A 400 V (AC-21A) 120 A 400 V (AC-22A) 120 A 400 V (AC-23A)
[Icm] rated short-circuit making capacity	0.5 kA 400 V at I <sub>peak</sub>
[Icw] rated short-time withstand current	140 A 400 V during 1 s
Rated conditional short-circuit current	6 kA 400 V - associated fuse 12 A aM 6 kA 400 V - associated fuse 12 A gG
Breaking capacity	120 kA 400 V AC-21A 120 kA 400 V AC-22A 120 kA 400 V AC-23A
Device composition	Handle Switch
Mechanical durability	50000 cycles
Electrical durability	30000 cycles DC-1...5 50000 cycles AC-21

Informacije dane u ovoj dokumentaciji sadrže opće opise i/ili tehničke karakteristike o performansama ovdje sadržanih proizvoda.  
 Ova dokumentacija nije namijenjena kao zamjena za niti bi se trebala koristiti za određivanje prikladnosti ili pouzdanosti predmetnih proizvoda za konkretne korisničke primjene.  
 Svaki takav korisnik ili integrator dužan je provesti odgovarajuću i potpunu analizu rizika, procjenu i ispitivanje proizvoda u odnosu na odgovarajuću specifičnu primjenu ili uporabu istog.  
 Niti društvo Schneider Electric, Industries SAS niti bilo koje od njegovih povezanih poduzeća ili podružnica neće preuzeti obvezu ili snositi odgovornost za pogrešnu upotrebu ovdje sadržanih informacija.

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
Base dimension	60 x 60 mm
Height	60 mm
Width	60 mm
Product weight	0.177 kg

## Okolina

standards	IEC 60947-3
product certifications	CCC CSA GL UL
protective treatment	TC
IP degree of protection	IP65
mechanical robustness	Vibrations 10...150 Hz 5 gn IEC 60068-2-6 Shocks 11 ms 15 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

Green Premium product	Green Premium product
Compliant - since 0733 - Schneider Electric declaration of conformity	Compliant - since 0733 - Schneider Electric declaration of conformity
Reference not containing SVHC above the threshold	Reference not containing SVHC above the threshold
Available	Available
Need no specific recycling operations	Need no specific recycling operations

## Contractual warranty

Warranty period	18 months
-----------------	-----------