



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 0.16...0.31 in (4...8 mm)

Complementary

Marking	0 - 1
Mounting support	Handle door Switch door
Fixing mode	Hole 0.89 in (22.5 mm) 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)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 (I Rms)	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 Ipeak
[Icw] rated short-time withstand Rms current	140 A 400 V 1 s
Rated conditional short-circuit current	6 KA 400 V 12 A aM 6 kA 400 V 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	Switch Handle
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 0.01 in ² (4 mm ²) flexible - with cable end Power circuit screw clamp terminals 0.01 in ² (4 mm ²) solid
Tightening torque	Power circuit 6.20 lbf.in (0.7 N.m) screw clamp terminals
Handle front plate dimension	60 x 60 mm
Maximum Height	2.36 in (60 mm)
Maximum Width	2.36 in (60 mm)
Net Weight	0.39 lb(US) (0.177 kg)

Environment

Standards	IEC 60947-3
Product certifications	UL GL CCC CSA
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	-4...122 °F (-20...50 °C)
Fire resistance	1760 °F (960 °C) IEC 60695-2-1

Ordering and shipping details

Category	21730 - V VARIO SWITCH
Discount Schedule	CP1
GTIN	00785901303923
Nbr. of units in pkg.	1
Package weight(Lbs)	0.38 lb(US) (0.17 kg)
Returnability	No
Country of origin	CZ

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	3.15 in (8 cm)
Package 1 width	3.35 in (8.5 cm)
Package 1 Length	4.72 in (12 cm)

Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Antimony oxide & Antimony trioxide which is known to the State of California to cause Carcinogen harm. For more information go to www.p65warnings.ca.gov
REACH free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration
Environmental Disclosure	Product Environmental Profile
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Contractual warranty

Warranty	18 months
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