

# Product data sheet

## Characteristics

# VN12

## TeSys Mini-VARIO - Switch body for switch-disconnector - 3 poles - 12 A



Product availability: Non-Stock - Not normally stocked in distribution facility

Price\*: 52.00 USD



### Main

Range	TeSys
Product name	TeSys Mini-VARIO
Product or component type	Switch body
Performance level	Standard
Poles description	3P
Contacts type and composition	3 NO
Network type	DC AC
Network frequency	50/60 Hz

### Complementary

Mounting support	Symmetrical rail
[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 400...415 V AC-3) 4 KW 500 V AC-3) 4 KW 690 V AC-3) 1.5 KW 230...240 V AC-3) 5.5 KW 500 V AC-23A) 7.5 KW 690 V AC-23A) 3 KW 230...240 V AC-23A) 4 KW 400...415 V AC-23A)
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 Ipeak
[Icw] rated short-time withstand current	140 A 400 V 1 s

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Rated conditional short-circuit current	6 KA 400 V 12 A aM 6 KA 400 V 12 A gG
Breaking capacity	120 A 400 V AC-22A) 120 A 400 V AC-23A) 120 A 400 V AC-21A)
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 <sup>2</sup> (4 mm <sup>2</sup> ) solid Power circuit screw clamp terminals 0.01 in <sup>2</sup> (4 mm <sup>2</sup> ) flexible - with cable end
Tightening torque	Power circuit 61.96 lbf.in (7 N.m) screw clamp terminals
Height	1.83 in (46.5 mm)
Width	2.20 in (56 mm)
Depth	2.44 in (62 mm)
Net weight	0.24 Lb(US) (0.11 kg)

## Environment

Standards	IEC 60947-3
Product certifications	UL CSA GL UKCA
Protective treatment	TC
IP degree of protection	IP20 conforming to IEC 60529
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	03389110759839
Nbr. of units in pkg.	1
Package weight(Lbs)	4.20 Oz (119 g)
Returnability	No
Country of origin	CZ

## Packing Units

Unit Type of Package 1	PCE
Package 1 Height	3.11 in (7.9 cm)
Package 1 width	3.35 in (8.5 cm)
Package 1 Length	4.69 in (11.9 cm)

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 REACH Declaration
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	 <a href="#">China RoHS Declaration</a>
Environmental Disclosure	 <a href="#">Product Environmental Profile</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.
PVC free	Yes
Halogen content performance	Halogen free product

#### Contractual warranty

Warranty	18 months
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Product Life Status : **Commercialised**