

# VN12

## Switch body, TeSys Control, 3 poles, 12A, compact size



### 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 ( 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 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)

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

## Environment

Standards	IEC 60947-3
Product Certifications	UL[RETURN]CSA[RETURN]GL[RETURN]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	3389110759839
Returnability	No
Country of origin	CZ

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
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)
Package 1 Weight	4.20 oz (119 g)
Unit Type of Package 2	S03
Number of Units in Package 2	24
Package 2 Height	11.81 in (30 cm)
Package 2 Width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)
Package 2 Weight	7.37 lb(US) (3.344 kg)
Unit Type of Package 3	P06
Number of Units in Package 3	192
Package 3 Height	30.31 in (77 cm)
Package 3 Width	31.50 in (80 cm)
Package 3 Length	23.62 in (60 cm)
Package 3 Weight	77.72 lb(US) (35.252 kg)

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 <a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant with Exemptions
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	 <a href="#">China RoHS Declaration</a>
RoHS exemption information	 <a href="#">Yes</a>
Environmental Disclosure	 <a href="#">Product Environmental Profile</a>
Circularity Profile	No need of specific recycling operations
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
----------	-----------

---