

Product data sheet

Specifications



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

VN12

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 (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)

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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 0.006 in ² (4 mm ²) solid Power circuit screw clamp terminals 0.006 in ² (4 mm ²) flexible - with cable end
Tightening torque	Power circuit 62.0 lbf.in (7 N.m) screw clamp terminals
Height	1.8 in (46.5 mm)
Width	2.2 in (56 mm)
Depth	2.4 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	US10CP121730
Discount Schedule	0CP1
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	3.1 in (7.9 cm)
Package 1 Width	3.3 in (8.5 cm)
Package 1 Length	4.7 in (11.9 cm)
Package 1 Weight	4.2 oz (119 g)
Unit Type of Package 2	S03
Number of Units in Package 2	24
Package 2 Height	11.8 in (30 cm)
Package 2 Width	11.8 in (30 cm)
Package 2 Length	15.7 in (40 cm)

Package 2 Weight	7.372 lb(US) (3.344 kg)
Unit Type of Package 3	P06
Number of Units in Package 3	192
Package 3 Height	30.3 in (77 cm)
Package 3 Width	31.5 in (80 cm)
Package 3 Length	23.6 in (60 cm)
Package 3 Weight	77.717 lb(US) (35.252 kg)

Contractual warranty

Warranty	18 months
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Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



Transparency RoHS/REACH

Well-being performance

Mercury Free

Rohs Exemption Information Yes

Pvc Free

Halogen Free Product

Certifications & Standards

Reach Regulation [REACH Declaration](#)

Eu Rohs Directive Compliant with Exemptions

China Rohs Regulation [China RoHS declaration](#)
Product out of China RoHS scope. Substance declaration for your information.

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.

Circularity Profile No need of specific recycling operations