

Product data sheet

Specifications



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

VN12

Product availability : Stock - 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

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

Disclaimer: 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

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 in² (4 mm²) solid Power circuit screw clamp terminals 0.01 in² (4 mm²) 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	3389110759839
Nbr. of units in pkg.	1
Package weight(Lbs)	4.20 oz (119.0 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)
Unit Type of Package 2	P06
Number of Units in Package 2	192
Package 2 Weight	77.72 lb(US) (35.252 kg)
Package 2 Height	30.31 in (77 cm)

Package 2 width	31.50 in (80 cm)
Package 2 Length	23.62 in (60 cm)
Unit Type of Package 3	S03
Number of Units in Package 3	24
Package 3 Weight	7.37 lb(US) (3.344 kg)
Package 3 Height	11.81 in (30 cm)
Package 3 width	11.81 in (30 cm)
Package 3 Length	15.75 in (40 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	China RoHS declaration Pro-active China RoHS declaration (out of China RoHS legal scope)
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.
PVC free	Yes
Halogen content performance	Halogen free product

Contractual warranty

Warranty	18 months
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