Product datasheet

Specifications

Green Premium™

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

VN12

Discontinued on: 01-Nov-2020

Discontinued

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) at 400 V
Rated Operational Power In W	3 kW at 400...415 V (AC-3) 4 kW at 500 V (AC-3) 4 kW at 690 V (AC-3) 1.5 kW at 230...240 V (AC-3) 5.5 kW at 500 V (AC-23A) 7.5 kW at 690 V (AC-23A) 3 kW at 230...240 V (AC-23A) 4 kW at 400...415 V (AC-23A)
Intermittent Duty Class	30
Making Capacity (I Rms)	120 A at 400 V AC-21A 120 A at 400 V AC-22A 120 A at 400 V AC-23A
[Icm] Rated Short-Circuit Making Capacity	0.5 kA at 400 V at Ipeak
[Icw] Rated Short-Time Withstand Rms Current	140 A at 400 V duration: 1 s
Rated Conditional Short-Circuit Current	6 kA at 400 V - associated fuse 12 A aM 6 kA at 400 V - associated fuse 12 A gG
Breaking Capacity	120 A at 400 V (AC-22A) 120 A at 400 V (AC-23A) 120 A at 400 V (AC-21A)

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

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 terminals4 mm² - solid Power circuit: screw clamp terminals4 mm² - flexible - with cable end
Tightening Torque	Power circuit: 7 N.m - on screw clamp terminals
Height	46.5 mm
Width	56 mm
Depth	62 mm
Net Weight	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) conforming to IEC 60068-2-6 Shocks 11 ms (15 gn) conforming to IEC 60068-2-27
Ambient Air Temperature For Operation	-20…50 °C
Fire Resistance	960 °C conforming to IEC 60695-2-1

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	7.9 cm
Package 1 Width	8.5 cm
Package 1 Length	11.9 cm
Package 1 Weight	119 g
Unit Type Of Package 2	S03
Number Of Units In Package 2	24
Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	3.344 kg
Unit Type Of Package 3	P06
Number Of Units In Package 3	192
Package 3 Height	77 cm
Package 3 Width	80 cm
Package 3 Length	60 cm
Package 3 Weight	35.252 kg

Contractual warranty

Warranty	18 months

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-CO_2 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