Product datasheet

Specifications





Switch body, TeSys Control, 3 poles,125A

V5

Main	
Range	TeSys
Product Name	TeSys VARIO
Device Short Name	V
Product Type	Switch body

Complementary

Complementary	
Mounting Support	Symmetrical rail
	Plate
Performance Level	High performance
Number Of Poles	3P
Contact Type And Composition	3 NO
Network Type	AC DC
Network Frequency	50/60 Hz
[Ue] lec Rated Operational Voltage	690 V AC 50/60 Hz
lec Rated Operational Power In W	22 kW at 230240 V (AC-3)
	30 kW at 400415 V (AC-3)
	30 kW at 690 V (AC-3)
	37 kW at 500 V (AC-3)
	37 kW at 690 V (AC-23A)
	45 kW at 500 V (AC-23A)
	22 kW at 230240 V (AC-23A)
	37 kW at 400415 V (AC-23A)
[le] Rated Operational Current	68.5 A AC-23 Ue: 400 V
[Ith] Conventional Free Air Thermal Current	125 A
[Ithe] Conventional Enclosed Thermal Current	100 A
Making Capacity (I Rms)	1250 A at 400 V AC-21A
	1250 A at 400 V AC-22A
	1250 A at 400 V AC-23A
Breaking Capacity	1000 A at 400 V (AC-21A)
	1000 A at 400 V (AC-22A)
	1000 A at 400 V (AC-23A)
Rated Conditional Short Circuit	10 kA at 400 V - associated fuse 125 A aM
Current	10 kA at 400 V - associated fuse 125 A gG
[Icm] Rated Short Circuit Making Capacity	2.8 kA at 400 V at Ipeak
Intermittent Duty Class	30
Suitability For Isolation	Yes

[Uimp] Rated Impulse Withstand Voltage	8 kV
[Icw] Rated Short-Time Withstand Rms Current	1500 A at 400 V duration: 1 s
Mechanical Durability	30000 cycles
Electrical Durability	30000 cycles AC-21 30000 cycles DC-15
lec Terminal Connection	Power circuit: screw clamp terminals70 mm ² - flexible - with cable end Power circuit: screw clamp terminals95 mm ² - solid
Tightening Torque	Power circuit: 22.6 N.m - on screw clamp terminals
Height	125 mm
Width	90 mm
Depth	90 mm
Product Weight	0.9 kg

Environment

Standards	IEC 60947-3
Product Certifications	UL
	CSA
	GL
	UKCA
Degree Of Protection	IP20 conforming to IEC 60529
Protective Treatment	TC
Mechanical Robustness	Vibrations 10150 Hz (1 gn) conforming to IEC 60068-2-6 Shocks 11 ms (30 Gn) conforming to IEC 60068-2-27
Ambient Air Temperature For Operation	-2050 °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	10.4 cm
Package 1 Width	11.4 cm
Package 1 Length	13.3 cm
Package 1 Weight	903.0 g
Unit Type Of Package 2	S02
Number Of Units In Package 2	6
Package 2 Height	15.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	5.761 kg
Unit Type Of Package 3	P06
Number Of Units In Package 3	96
Package 3 Height	75.0 cm
Package 3 Width	60.0 cm
Package 3 Length	80.0 cm

Package 3 Weight

100.176 kg

Contractual warranty

Warranty

18 months

Sustainability Screen Premium

Green PremiumTM label is Schneider Electric's commitment to delivering products with best-inclass 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

Toxic Heavy Metal Free
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