# **Product datasheet**

Specification





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

V02

## Main

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

#### Complementary

Complementary	
Mounting Support	Plate
<b>5</b>	Symmetrical rail
	·
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	3 kW at 400415 V (AC-3)
	4 kW at 500 V (AC-3)
	1.5 kW at 230240 V (AC-3)
	5.5 kW at 500 V (AC-23A)
	5.5 kW at 690 V (AC-3)
	7.5 kW at 690 V (AC-23A)
	3 kW at 230240 V (AC-23A)
	4 kW at 400415 V (AC-23A)
[le] Rated Operational Current	8.1 A AC-23 Ue: 400 V
[Ith] Conventional Free Air Thermal Current	12 A
[Ithe] Conventional Enclosed Thermal Current	10 A
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
Breaking Capacity	120 A at 400 V (AC-21A)
	120 A at 400 V (AC-22A)
	120 A at 400 V (AC-23A)
Rated Conditional Short Circuit	10 kA at 400 V - associated fuse 12 A aM
Current	10 kA at 400 V - associated fuse 12 A gG
[Icm] Rated Short Circuit Making Capacity	1 kA at 400 V at Ipeak
Intermittent Duty Class	30
Suitability For Isolation	Yes

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[Uimp] Rated Impulse Withstand Voltage	8 kV
[Icw] Rated Short-Time Withstand Rms Current	300 A at 400 V duration: 1 s
Mechanical Durability	100000 cycles
Electrical Durability	100000 cycles AC-21
	30000 cycles DC-1
	30000 cycles DC-2
	30000 cycles DC-3
	30000 cycles DC-4
	30000 cycles DC-5
lec Terminal Connection	Power circuit: screw clamp terminals10 mm² - solid
	Power circuit: screw clamp terminals6 mm² - flexible - with cable end
Tightening Torque	Power circuit: 2.1 N.m - on screw clamp terminals
Height	74 mm
Width	55 mm
Depth	60 mm
Product Weight	0.2 kg

## **Environment**

Standards	IEC 60947-3
Product Certifications	UL
	CSA
	GL
	UKCA
	CCC
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**

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Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	12.000 cm
Package 1 Width	8.400 cm
Package 1 Length	7.800 cm
Package 1 Weight	171.000 g
Unit Type Of Package 2	S03
Number Of Units In Package 2	24
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	4.682 kg
Unit Type Of Package 3	P06
Number Of Units In Package 3	192

Package 3 Height	75.000 cm	
Package 3 Width	60.000 cm	
Package 3 Length	80.000 cm	
Package 3 Weight	47.036 kg	

## **Contractual warranty**

Warranty 18 months

# Sustainability Green Premium

**Green Premium**<sup>TM</sup> **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-CO<sub>2</sub> 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

<b>⊘</b>	Toxic Heavy Metal Free
<b>⊘</b>	Mercury Free
<b>⊘</b>	Rohs Exemption Information Yes
<b>⊘</b>	Pvc Free
<b>⊘</b>	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