



Main

Range	TeSys
Product name	TeSys VARIO
Device short name	V
product or component type	Switch body

Complementary

mounting support	Plate Symmetrical rail
Performance level	High performance
poles description	3P
Contacts type and composition	3 NO
Network type	AC DC
Network frequency	50/60 Hz
[Ue] rated operational voltage	690 V AC 50/60 Hz
Rated operational power in W	3 kW at 400...415 V (AC-3) 4 kW at 500 V (AC-3) 1.5 kW at 230...240 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 230...240 V (AC-23A) 4 kW at 400...415 V (AC-23A)
[Ie] 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	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 current	10 kA at 400 V - associated fuse 12 A aM 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
[Uimp] rated impulse withstand voltage	8 kV

[Icw] rated short-time withstand 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
Connections - terminals	Power circuit: screw clamp terminals10 mm ² - solid Power circuit: screw clamp terminals6 mm ² - 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
net weight	0.2 kg

Environment

Standards	IEC 60947-3
Product certifications	UL CSA GL UKCA CCC
IP degree of protection	IP20 conforming to IEC 60529
Protective treatment	TC
Mechanical robustness	Vibrations 10...150 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	-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	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

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	Reference contains Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant with Exemptions
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	Product out of China RoHS scope. Substance declaration for your

	information
RoHS exemption information	Yes
Environmental Disclosure	ENVPEP2211006
Circularity Profile	N/A
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