



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	DC AC
Network frequency	50/60 Hz
[Ue] rated operational voltage	690 V AC 50/60 Hz
Rated operational power in W	15 kW at 230...240 V (AC-3) 22 kW at 400...415 V (AC-3) 30 kW at 500 V (AC-3) 30 kW at 690 V (AC-23A) 37 kW at 500 V (AC-23A) 18.5 kW at 690 V (AC-3) 18.5 kW at 230...240 V (AC-23A) 30 kW at 400...415 V (AC-23A)
[Ie] rated operational current	57 A AC-23 Ue: 400 V
[Ith] conventional free air thermal current	80 A
[Ithe] conventional enclosed thermal current	63 A
Making capacity	800 A at 400 V AC-21A 800 A at 400 V AC-22A 800 A at 400 V AC-23A
Breaking capacity	640 A at 400 V (AC-21A) 640 A at 400 V (AC-22A) 640 A at 400 V (AC-23A)
Rated conditional short-circuit current	10 kA at 400 V - associated fuse 80 A aM 10 kA at 400 V - associated fuse 80 A gG
[Icm] rated short-circuit making capacity	2.1 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	960 A at 400 V duration: 1 s
Mechanical durability	30000 cycles
Electrical durability	30000 cycles AC-21 30000 cycles DC-1...5
Connections - terminals	Power circuit: screw clamp terminals16 mm ² - flexible - with cable end Power circuit: screw clamp terminals25 mm ² - solid
Tightening torque	Power circuit: 4 N.m - on screw clamp terminals
Height	83 mm
Width	60 mm
Depth	65 mm
net weight	0.5 kg

Environment

Standards	IEC 60947-3
Product certifications	UL CSA GL UKCA
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	8.500 cm
Package 1 Length	8.000 cm
Package 1 Weight	297.000 g
Unit Type of Package 2	S02
Number of Units in Package 2	12
Package 2 Height	15.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	3.906 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	71.844 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