



### Main

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

### Complementary

Mounting Support	Plate 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] IEC Rated Operational Voltage	690 V AC 50/60 Hz
IEC 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 ( 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 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 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

IEC Terminal Connection	Power circuit: screw clamp terminals 10 mm <sup>2</sup> - solid Power circuit: screw clamp terminals 6 mm <sup>2</sup> - 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 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	 <a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant  <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	 <a href="#">China RoHS Declaration</a>
RoHS exemption information	 Yes
Environmental Disclosure	 <a href="#">Product Environmental Profile</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

## Contractual warranty

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Warranty	18 months
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