



### Main

Range	TeSys
Product name	TeSys VARIO
Device short name	V
Product or component type	Switch body
Performance level	High performance
Poles description	3P
Contacts type and composition	3 NO
Network type	DC AC
Network frequency	50/60 Hz
Suitability for isolation	Yes

### Complementary

Mounting support	Plate Symmetrical rail
[Ue] rated operational voltage	690 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	8 KV
[Ith] conventional free air thermal current	63 A
[Ithe] conventional enclosed thermal current	50 A
[Ie] rated operational current	41.5 A AC-23 Ue: 400 V
Rated operational power in W	11 KW at 230...240 V (AC-3) 22 KW at 500 V (AC-3) 22 KW at 690 V (AC-23A) 30 KW at 500 V (AC-23A) 18.5 KW at 400...415 V (AC-3) 18.5 KW at 690 V (AC-3) 15 KW at 230...240 V (AC-23A) 22 KW at 400...415 V (AC-23A)
Intermittent duty class	30
Making capacity	630 A at 400 V AC-21A 630 A at 400 V AC-22A 630 A at 400 V AC-23A
[Icm] rated short-circuit making capacity	2.1 KA at 400 V at Ipeak
[Icw] rated short-time withstand current	756 A at 400 V duration: 1 s
Rated conditional short-circuit current	10 KA at 400 V - associated fuse 63 A aM 10 KA at 400 V - associated fuse 63 A gG
Breaking capacity	500 A at 400 V (AC-21A) 500 A at 400 V (AC-22A) 500 A at 400 V (AC-23A)

Mechanical durability	30000 Cycles
Electrical durability	30000 Cycles AC-21 30000 Cycles DC-1...5
Connections - terminals	Power circuit: screw clamp terminals16 mm <sup>2</sup> - flexible - with cable end Power circuit: screw clamp terminals25 mm <sup>2</sup> - 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 GL CSA
Protective treatment	TC
IP degree of protection	IP20 conforming to IEC 60529
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 Weight	290 G
Package 1 Height	8 Cm
Package 1 width	8.6 Cm
Package 1 Length	12.2 Cm

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
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

Warranty	18 months
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Product Life Status : **Commercialised**