



### 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	AC DC
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	80 A
[Ithe] conventional enclosed thermal current	63 A
[Ie] rated operational current	57 A (AC-23) at 400 V
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)
Intermittent duty class	30
Making capacity	800 A at 400 V] (AC-21A) 800 A at 400 V] (AC-22A) 800 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	960 A at 400 V during 1 s
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
Breaking capacity	640 A at 400 V AC-21A 640 A at 400 V AC-22A 640 A at 400 V AC-23A
Mechanical durability	30000 cycles
Electrical durability	30000 cycles DC-1...5 30000 cycles AC-21
Connections - terminals	Power circuit : screw clamp terminals cable 16 mm <sup>2</sup> - cable stiffness: flexible - with cable end Power circuit : screw clamp terminals cable 25 mm <sup>2</sup> - cable stiffness: solid
Tightening torque	Power circuit : 4 N.m - on screw clamp terminals
Height	83 mm
Width	60 mm
Depth	65 mm
Product weight	0.5 kg

## Environment

standards	IEC 60947-3
product certifications	CSA GL UL
protective treatment	TC
IP degree of protection	IP20 conforming to IEC 60529
mechanical robustness	Vibrations 10...150 Hz 1 gn IEC 60068-2-6 Shocks 11 ms 30 Gn IEC 60068-2-27
ambient air temperature for operation	-20...50 °C
fire resistance	960 °C conforming to IEC 60695-2-1

## Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0730 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Need no specific recycling operations