



### Main

Range of product	TeSys VARIO
Device short name	V
Product or component type	Switch body
Poles description	3P
Network type	AC DC
[I <sub>th</sub> ] conventional free air thermal current	12 A
Suitability for isolation	Yes

### Complementary

Network frequency	50/60 Hz
Mounting support	Enclosure door Plate Rail
[U <sub>e</sub> ] rated operational voltage	690 V AC 50/60 Hz
[U <sub>imp</sub> ] rated impulse withstand voltage	8 kV
[I <sub>the</sub> ] conventional enclosed thermal current	10 A

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1.5 A at 220 V L/R = 1 ms DC-1 1  
1.5 A at 110 V L/R = 1 ms DC-5 1  
1.5 A at 110 V L/R = 1 ms DC-4 1  
1.5 A at 110 V L/R = 1 ms DC-3 1  
1.5 A at 110 V L/R = 1 ms DC-2 1  
1.5 A at 110 V L/R = 1 ms DC-1 1  
1.4 A at 220 V L/R = 1 ms DC-5 2  
1.4 A at 220 V L/R = 1 ms DC-4 2  
1.4 A at 220 V L/R = 1 ms DC-3 2  
1.4 A at 220 V L/R = 1 ms DC-2 2  
1.2 A at 250 V L/R = 1 ms DC-5 3  
1.2 A at 250 V L/R = 1 ms DC-4 3  
1.2 A at 250 V L/R = 1 ms DC-3 3  
1.2 A at 250 V L/R = 1 ms DC-2 3  
0.6 A at 250 V L/R = 1 ms DC-1 1  
0.4 A at 250 V L/R = 1 ms DC-5 2  
0.4 A at 250 V L/R = 1 ms DC-4 2  
0.4 A at 250 V L/R = 1 ms DC-3 2  
0.4 A at 250 V L/R = 1 ms DC-2 2  
0.4 A at 220 V L/R = 1 ms DC-5 1  
0.4 A at 220 V L/R = 1 ms DC-4 1  
0.4 A at 220 V L/R = 1 ms DC-3 1  
0.4 A at 220 V L/R = 1 ms DC-2 1  
0.3 A at 250 V L/R = 1 ms DC-5 1  
0.3 A at 250 V L/R = 1 ms DC-4 1  
0.3 A at 250 V L/R = 1 ms DC-3 1  
0.3 A at 250 V L/R = 1 ms DC-2 1  
8.9 A at 500 V AC-23A  
8.6 A at 690 V AC-23A  
8.1 A at 415 V AC-23A  
8.1 A at 400 V AC-23A  
10.6 A at 240 V AC-23A  
10.6 A at 230 V AC-23A  
8 A at 250 V L/R = 1 ms DC-1 3  
8 A at 110 V L/R = 1 ms DC-1 2  
7 A at 220 V L/R = 1 ms DC-1 2  
3 A at 250 V L/R = 1 ms DC-1 2  
3 A at 110 V L/R = 1 ms DC-5 2  
3 A at 110 V L/R = 1 ms DC-4 2  
3 A at 110 V L/R = 1 ms DC-3 2  
3 A at 110 V L/R = 1 ms DC-2 2  
12 A at 60 V L/R = 1 ms DC-5 3  
12 A at 60 V L/R = 1 ms DC-5 2  
12 A at 60 V L/R = 1 ms DC-4 3  
12 A at 60 V L/R = 1 ms DC-4 2  
12 A at 60 V L/R = 1 ms DC-3 3  
12 A at 60 V L/R = 1 ms DC-3 2  
12 A at 60 V L/R = 1 ms DC-2 3  
12 A at 60 V L/R = 1 ms DC-2 2  
12 A at 60 V L/R = 1 ms DC-1 3  
12 A at 60 V L/R = 1 ms DC-1 2  
12 A at 60 V L/R = 1 ms DC-1 1  
12 A at 48 V L/R = 1 ms DC-5 3  
12 A at 48 V L/R = 1 ms DC-5 2  
12 A at 48 V L/R = 1 ms DC-5 1  
12 A at 48 V L/R = 1 ms DC-4 3  
12 A at 48 V L/R = 1 ms DC-4 2  
12 A at 48 V L/R = 1 ms DC-4 1  
12 A at 48 V L/R = 1 ms DC-3 3  
12 A at 48 V L/R = 1 ms DC-3 2  
12 A at 48 V L/R = 1 ms DC-3 1  
12 A at 48 V L/R = 1 ms DC-2 3  
12 A at 48 V L/R = 1 ms DC-2 2  
12 A at 48 V L/R = 1 ms DC-2 1  
12 A at 48 V L/R = 1 ms DC-1 3  
12 A at 48 V L/R = 1 ms DC-1 2  
12 A at 48 V L/R = 1 ms DC-1 1  
12 A at 24 V L/R = 1 ms DC-5 3  
12 A at 24 V L/R = 1 ms DC-5 2  
12 A at 24 V L/R = 1 ms DC-5 1  
12 A at 24 V L/R = 1 ms DC-4 3  
12 A at 24 V L/R = 1 ms DC-4 2  
12 A at 24 V L/R = 1 ms DC-4 1  
12 A at 24 V L/R = 1 ms DC-3 3  
12 A at 24 V L/R = 1 ms DC-3 2  
12 A at 24 V L/R = 1 ms DC-3 1  
12 A at 24 V L/R = 1 ms DC-2 3  
12 A at 24 V L/R = 1 ms DC-2 2  
12 A at 24 V L/R = 1 ms DC-2 1  
12 A at 24 V L/R = 1 ms DC-1 3  
12 A at 24 V L/R = 1 ms DC-1 2  
12 A at 24 V L/R = 1 ms DC-1 1  
12 A at 230...690 V AC-22A  
12 A at 230...690 V AC-21A  
12 A at 110 V L/R = 1 ms DC-5 3

Rated operational power in W	7.5 kW at 690 V AC-23A 5.5 kW at 690 V AC-3 5.5 kW at 500 V AC-23A 1.5 kW at 230...240 V AC-3 4 kW at 500 V AC-3 4 kW at 415 V AC-23A 4 kW at 400 V AC-23A 3 kW at 400...415 V AC-3 3 kW at 240 V AC-23A 3 kW at 230 V AC-23A
Intermittent duty class	30
Breaking capacity	120 A at 400 V AC-23A 120 A at 400 V AC-22A 120 A at 400 V AC-21A
Making capacity	120 A at 400 V (AC-23A) 120 A at 400 V (AC-22A) 120 A at 400 V (AC-21A)
[Icm] rated short-circuit making capacity	1 kA at 400 V at Ipeak
[Icw] rated short-time withstand current	300 A at 400 V during 1 s
Rated conditional short-circuit current	10 kA at 400 V - associated fuse 12 A gG 10 kA at 400 V - associated fuse 12 A aM
Mechanical durability	100000 cycles
Electrical durability	30000 cycles on DC-5 30000 cycles on DC-4 30000 cycles on DC-3 30000 cycles on DC-2 30000 cycles on DC-1 100000 cycles on AC-21
Connections - terminals	Power circuit: screw terminals cable 6 mm <sup>2</sup> - cable stiffness: flexible - with cable end Power circuit: screw terminals cable 10 mm <sup>2</sup> - cable stiffness: solid
Tightening torque	Power circuit: 2.1 N.m - on screw terminals
Height	83 mm
Width	60 mm
Depth	65 mm
Product weight	0.2 kg

## Environment

Standards	IEC 60947-3
Product certifications	CCC CSA GL UL
Protective treatment	TC
IP degree of protection	IP20 with protection shrouds conforming to IEC 60529
Shock resistance	30 gn conforming to IEC 60068-2-27
Vibration resistance	1 gn conforming to IEC 60068-2-6
Ambient air temperature for operation	-20...50 °C
Fire resistance	960 °C conforming to IEC 60695-2-1

## Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS	Compliant - since 0730 - Schneider Electric declaration of conformity <a href="#">download declaration of conformity</a>
Product environmental profile	Available <a href="#">Download Product Environmental</a>
Product end of life instruction	Need no specific recycling operations <a href="#">Download Product environmental</a>