Product data sheet
Characteristics

V3
base for switch-disconnector Vario - 3 poles - 63 A

Main

Range of product	TeSys VARIO
Device short name	V
Product or component type	Switch body
Poles description	3P
Network type	AC DC
[Ith] conventional free air thermal current	63 A
Suitability for isolation	Yes

Complementary

Network frequency	50/60 Hz
Mounting support	Enclosure door Plate
[Ue] rated operational voltage	690 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	8 kV
[Ithe] conventional enclosed thermal current	50 A

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This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications.
It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof.
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[Ie] rated operational current	1.2 A at 250 V L/R = 1 ms DC-5 1 1.2 A at 250 V L/R = 1 ms DC-4 1 1.2 A at 250 V L/R = 1 ms DC-3 1 1.2 A at 250 V L/R = 1 ms DC-2 1 50.3 A at 230 V AC-23A 48.2 A at 240 V AC-23A 41.5 A at 400 V AC-23A 1.5 A at 220 V L/R = 1 ms DC-5 1 1.5 A at 220 V L/R = 1 ms DC-4 1 1.5 A at 220 V L/R = 1 ms DC-3 1 1.5 A at 220 V L/R = 1 ms DC-2 1 8 A at 250 V L/R = 1 ms DC-5 3 8 A at 250 V L/R = 1 ms DC-4 3 8 A at 250 V L/R = 1 ms DC-3 3 8 A at 250 V L/R = 1 ms DC-2 3 63 A at 60 V L/R = 1 ms DC-5 3 63 A at 60 V L/R = 1 ms DC-5 2 63 A at 60 V L/R = 1 ms DC-4 3 63 A at 60 V L/R = 1 ms DC-4 2 63 A at 60 V L/R = 1 ms DC-3 3 63 A at 60 V L/R = 1 ms DC-3 2 63 A at 60 V L/R = 1 ms DC-2 3 63 A at 60 V L/R = 1 ms DC-2 2 63 A at 60 V L/R = 1 ms DC-1 3 63 A at 60 V L/R = 1 ms DC-1 2 63 A at 48 V L/R = 1 ms DC-5 3 63 A at 48 V L/R = 1 ms DC-5 2 63 A at 48 V L/R = 1 ms DC-5 1 63 A at 48 V L/R = 1 ms DC-4 3 63 A at 48 V L/R = 1 ms DC-4 2 63 A at 48 V L/R = 1 ms DC-4 1 63 A at 48 V L/R = 1 ms DC-3 3 63 A at 48 V L/R = 1 ms DC-3 2 63 A at 48 V L/R = 1 ms DC-3 1 63 A at 48 V L/R = 1 ms DC-2 3 63 A at 48 V L/R = 1 ms DC-2 2 63 A at 48 V L/R = 1 ms DC-2 1 63 A at 48 V L/R = 1 ms DC-1 3 63 A at 48 V L/R = 1 ms DC-1 2 63 A at 48 V L/R = 1 ms DC-1 1 63 A at 24 V L/R = 1 ms DC-5 3 63 A at 24 V L/R = 1 ms DC-5 2 63 A at 24 V L/R = 1 ms DC-5 1 63 A at 24 V L/R = 1 ms DC-4 3 63 A at 24 V L/R = 1 ms DC-4 2 63 A at 24 V L/R = 1 ms DC-4 1 63 A at 24 V L/R = 1 ms DC-3 3 63 A at 24 V L/R = 1 ms DC-3 2 63 A at 24 V L/R = 1 ms DC-3 1 63 A at 24 V L/R = 1 ms DC-2 3 63 A at 24 V L/R = 1 ms DC-2 2 63 A at 24 V L/R = 1 ms DC-2 1 63 A at 24 V L/R = 1 ms DC-1 3 63 A at 24 V L/R = 1 ms DC-1 2 63 A at 24 V L/R = 1 ms DC-1 1 63 A at 230...690 V AC-22A 63 A at 230...690 V AC-21A 63 A at 110 V L/R = 1 ms DC-1 3 63 A at 110 V L/R = 1 ms DC-1 2 6 A at 220 V L/R = 1 ms DC-1 1 6 A at 110 V L/R = 1 ms DC-5 1 6 A at 110 V L/R = 1 ms DC-4 1 6 A at 110 V L/R = 1 ms DC-3 1 6 A at 110 V L/R = 1 ms DC-2 1 50 A at 110 V L/R = 1 ms DC-5 3 50 A at 110 V L/R = 1 ms DC-4 3 50 A at 110 V L/R = 1 ms DC-3 3 50 A at 110 V L/R = 1 ms DC-2 3 44 A at 500 V AC-23A 40 A at 60 V L/R = 1 ms DC-5 1 40 A at 60 V L/R = 1 ms DC-4 1 40 A at 60 V L/R = 1 ms DC-3 1 40 A at 60 V L/R = 1 ms DC-2 1 40 A at 60 V L/R = 1 ms DC-1 1 40 A at 415 V AC-23A 4 A at 250 V L/R = 1 ms DC-1 1 4 A at 220 V L/R = 1 ms DC-5 2 4 A at 220 V L/R = 1 ms DC-4 2 4 A at 220 V L/R = 1 ms DC-3 2 4 A at 220 V L/R = 1 ms DC-2 2 30 A at 250 V L/R = 1 ms DC-1 3 30 A at 220 V L/R = 1 ms DC-1 3 3 A at 250 V L/R = 1 ms DC-5 2 3 A at 250 V L/R = 1 ms DC-4 2 3 A at 250 V L/R = 1 ms DC-3 2

Rated operational power in W	18.5 kW at 690 V AC-3 18.5 kW at 400...415 V AC-3 30 kW at 500 V AC-23A 22 kW at 690 V AC-23A 22 kW at 500 V AC-3 22 kW at 415 V AC-23A 22 kW at 400 V AC-23A 15 kW at 240 V AC-23A 15 kW at 230 V AC-23A 11 kW at 230...240 V AC-3
Intermittent duty class	30
Breaking capacity	500 A at 400 V AC-23A 500 A at 400 V AC-22A 500 A at 400 V AC-21A
Making capacity	630 A at 400 V (AC-23A 630 A at 400 V (AC-22A 630 A at 400 V (AC-21A
[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 during 1 s
Rated conditional short-circuit current	10 kA at 400 V - associated fuse 63 A gG 10 kA at 400 V - associated fuse 63 A aM
Mechanical durability	30000 cycles
Electrical durability	30000 cycles on DC-1...5 30000 cycles on AC-21
Connections - terminals	Power circuit: screw terminals cable 25 mm² - cable stiffness: solid Power circuit: screw terminals cable 16 mm² - cable stiffness: flexible - with cable end
Tightening torque	Power circuit: 4 N.m - on screw terminals
Provision for padlocking	Yes
Height	83 mm
Width	60 mm
Depth	65 mm
Product weight	0.5 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 download declaration of conformity
Product environmental profile	Available Download Product Environmental
Product end of life instruction	Need no specific recycling operations Download Product environmental