



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	175 A
[Ithe] conventional enclosed thermal current	140 A
[Ie] rated operational current	83 A (AC-23) at 400 V
Rated operational power in W	30 kW at 230...240 V (AC-3) 37 kW at 400...415 V (AC-3) 37 kW at 690 V (AC-3) 45 kW at 500 V (AC-3) 45 kW at 690 V (AC-23A) 55 kW at 500 V (AC-23A) 30 kW at 230...240 V (AC-23A) 45 kW at 400...415 V (AC-23A)
Intermittent duty class	30
Making capacity	1750 A at 400 V] (AC-22A) 1750 A at 400 V] (AC-23A) 1600 A at 400 V] (AC-21A)
[Icm] rated short-circuit making capacity	2.8 kA at 400 V at Ipeak
[Icw] rated short-time withstand current	2100 A at 400 V during 1 s
Rated conditional short-circuit current	10 kA at 400 V - associated fuse 200 a aM 10 kA at 400 V - associated fuse 200 a gG
Breaking capacity	1400 A at 400 V AC-21A 1400 A at 400 V AC-22A 1400 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 70 mm ² - cable stiffness: flexible - with cable end Power circuit : screw clamp terminals cable 95 mm ² - cable stiffness: solid
Tightening torque	Power circuit : 22.6 N.m - on screw clamp terminals
Height	125 mm
Width	90 mm
Depth	90 mm
Product weight	0.9 kg

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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