



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
System Voltage	690 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	8 kV
[Ith] conventional free air thermal current	25 A
[Ithe] conventional enclosed thermal current	20 A
[Ie] rated operational current	14.5 A (AC-23) at 400 V
Rated operational power in W	11 kW at 500 V (AC-23A) 11 kW at 690 V (AC-3) 15 kW at 690 V (AC-23A) 4 kW at 230...240 V (AC-3) 5.5 kW at 400...415 V (AC-3) 7.5 kW at 500 V (AC-3) 5.5 kW at 230...240 V (AC-23A) 7.5 kW at 400...415 V (AC-23A)

Intermittent duty class	30
Making capacity	250 A at 400 V] (AC-21A) 250 A at 400 V] (AC-22A) 250 A at 400 V] (AC-23A)
[Icm] rated short-circuit making capacity	1 kA at 400 V at I _{peak}
[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 25 A aM 10 kA at 400 V - associated fuse 25 A gG
Breaking capacity	200 A at 400 V AC-21A 200 A at 400 V AC-22A 200 A at 400 V AC-23A
Mechanical durability	100000 cycles
Electrical durability	30000 cycles DC-1...5 100000 cycles AC-21
Connections - terminals	Power circuit: screw clamp terminals cable 0.01 in ² (6 mm ²) - cable stiffness: flexible - with cable end Power circuit: screw clamp terminals cable 0.02 in ² (10 mm ²) - cable stiffness: solid
Tightening torque	Power circuit: 18.58 lbf.in (2.1 N.m) - on screw clamp terminals
Height	2.91 in (74 mm)
Width	2.17 in (55 mm)
Depth	2.36 in (60 mm)
Product weight	0.44 lb(US) (0.2 kg)

Environment

Standards	IEC 60947-3
Product certifications	CSA UL GL
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	-4...122 °F (-20...50 °C)
Fire resistance	1760 °F (960 °C) conforming to IEC 60695-2-1

Ordering and shipping details

Category	21730 - V VARIO SWITCH
Discount Schedule	CP1
GTIN	00785901164241
Nbr. of units in pkg.	1
Package weight(Lbs)	0.38
Returnability	Y
Country of origin	CZ

Offer Sustainability

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

Contractual warranty

Warranty period	18 months
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