



Main

Range	TeSys
Product name	TeSys VARIO LS
Device short name	VLS3P
Product or component type	Switch body
Performance level	High performance
Poles description	3P
Contacts type and composition	3 NO
Network type	AC
Network frequency	50/60 Hz
Control type	Rotary handle
Rotary handle mounting style	Direct
Handle colour	Black
Handle front plate colour	Grey
Suitability for isolation	Yes

Complementary

Rotary handle padlocking	1 padlock 4 mm
Marking	0 - 1
Mounting support	Back: DIN rail
Fixing mode	By clips for back
[Ue] rated operational voltage	690 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	8 kV
[Ith] conventional free air thermal current	25 A (at 55 °C)
[Ithe] conventional enclosed thermal current	25 A
[Ie] rated operational current	25 A AC-21A Ue: 400 V 25 A AC-21A Ue: 500 V 25 A AC-21A Ue: 690 V 25 A AC-22A Ue: 400 V 25 A AC-22A Ue: 500 V 25 A AC-22A Ue: 690 V 25 A AC-23A Ue: 400 V

	25 A AC-23A Ue: 500 V 25 A AC-23A Ue: 690 V 25 A Ue: 600 V conforming to UL 508
Rated operational power in W	22 kW at 690 V (AC-23A) 11 kW at 400 V (AC-23A) 15 kW at 500 V (AC-23A)
Intermittent duty class	Class 120 - 60 %
Making capacity (I Rms)	37.5 A at 690 V AC-21A 75 A at 690 V AC-22A 250 A at 690 V AC-23A
[Icm] rated short-circuit making capacity	1128 A at 690 V
[Icw] rated short-time withstand Rms current	800 A at 690 V duration: 1 s
Rated conditional short-circuit current	50 kA at 400 V - associated fuse 25 A gG
Breaking capacity	37.5 A at 690 V (AC-21A) 75 A at 690 V (AC-22A) 200 A at 690 V (AC-23A)
Device composition	Switch Handle
Mechanical durability	100000 cycles
Electrical durability	100000 cycles AC-21A
Connections - terminals	Power circuit: screw clamp terminals 10 mm ² - solid Power circuit: screw clamp terminals 16 mm ² - flexible - without cable end
Tightening torque	Power circuit: 1.8...2 N.m - on screw clamp terminals
Height	75 mm
Width	36 mm
Depth	78 mm
Net weight	0.135 kg
Colour	Grey

Environment

Standards	IEC 60947-3 CSA C22.2 No 14 UL 508
Product certifications	GL
IP degree of protection	IP20 conforming to IEC 60529
Mechanical robustness	Vibrations 2...100 Hz Fc (0.7 g) conforming to IEC 60068-2-6 Shocks 11 ms Ea (15 gn) conforming to IEC 60068-2-27
Ambient air temperature for operation	-25...55 °C
Fire resistance	960 °C conforming to IEC 60695-2-11

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	170 g
Package 1 Height	8 cm
Package 1 width	8.5 cm
Package 1 Length	12 cm
Unit Type of Package 2	S03
Number of Units in Package 2	27
Package 2 Weight	5.05 kg
Package 2 Height	30 cm
Package 2 width	30 cm
Package 2 Length	40 cm

Offer Sustainability

REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration Pro-active China RoHS declaration (out of China RoHS legal scope)

Contractual warranty

Warranty	18 months
----------	-----------