



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 0.16 in (4 mm)
Marking	0 - 1
Mounting support	Back DIN rail
Fixing mode	By clips back
[Ue] rated operational voltage	690 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	8 kV
[Ith] conventional free air thermal current	63 A 131 °F (55 °C)
[Ithe] conventional enclosed thermal current	45 A
[Ie] rated operational current	25 A AC-23A Ue: 500 V 25 A AC-23A Ue: 690 V 63 A AC-21A Ue: 400 V 63 A AC-21A Ue: 500 V 63 A AC-21A Ue: 690 V 45 A AC-22A Ue: 400 V 45 A AC-22A Ue: 500 V 45 A AC-22A Ue: 690 V 45 A AC-23A Ue: 400 V 60 A Ue: 600 V UL 508
Rated operational power in W	22 KW 690 V AC-23A) 22 KW 400 V AC-23A) 22 kW 500 V AC-23A)
Intermittent duty class	Class 120 - 60 %
Making capacity (I Rms)	120 A 690 V AC-22A 400 A 690 V AC-23A 94.5 A 690 V AC-21A
[Icm] rated short-circuit making capacity	1128 A 690 V
[Icw] rated short-time withstand Rms current	800 A 690 V 1 s
Rated conditional short-circuit current	50 kA 400 V 63 A gG
Breaking capacity	120 A 690 V AC-22A) 320 A 690 V AC-23A) 94.5 A 690 V AC-21A)
Device composition	Switch Handle

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Mechanical durability	100000 cycles
Electrical durability	15000 cycles AC-21
Connections - terminals	Power circuit screw clamp terminals 0.02 in ² (10 mm ²) solid Power circuit screw clamp terminals 0.02 in ² (16 mm ²) flexible - without cable end
Tightening torque	Power circuit 15.93...17.70 lbf.in (1.8...2 N.m) screw clamp terminals
Maximum Height	2.95 in (75 mm)
Maximum Width	1.42 in (36 mm)
Maximum Depth	3.07 in (78 mm)
Net Weight	0.30 lb(US) (0.135 kg)
Color	Gray

Environment

Standards	IEC 60947-3 CSA C22.2 No 14 UL 508
Product certifications	GL
IP degree of protection	IP20 IEC 60529
Mechanical robustness	Vibrations 2...100 Hz Fc 0.7 g) IEC 60068-2-6 Shocks 11 ms Ea 15 gn) IEC 60068-2-27
Ambient air temperature for operation	-13...131 °F (-25...55 °C)
Fire resistance	1760 °F (960 °C) IEC 60695-2-11

Ordering and shipping details

Category	21734 - TESYS VLS DISCONNECT SWITCHES
Discount Schedule	CP1
GTIN	00785901560470
Nbr. of units in pkg.	1
Package weight(Lbs)	0.38 lb(US) (0.17 kg)
Returnability	Yes
Country of origin	IT

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	3.15 in (8 cm)
Package 1 width	3.35 in (8.5 cm)
Package 1 Length	4.72 in (12 cm)
Unit Type of Package 2	S03
Number of Units in Package 2	27
Package 2 Weight	11.16 lb(US) (5.06 kg)
Package 2 Height	11.81 in (30 cm)
Package 2 width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)

Offer Sustainability

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
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.