

Product data sheet

Specifications



Disconnect switch, TeSys VLS,
body switch, 32A, 20HP at 480VAC,
UL508, three phase, 5kA SCCR,
size 1, door mount

VLS3P032D1

Main

Range	TeSys
Product Name	TeSys VARIO LS
Device Short Name	VLS3P
Product Type	Switch body

Complementary

Mounting Support	Door
Performance Level	High performance
Number Of Poles	3P
Contact Type And Composition	3 NO
Color	Grey
[Ue] UI Rated Operational Voltage	600 V AC 50/60 Hz UL 508
Network Type	AC
Network Frequency	50/60 Hz
UI Maxium Horsepower Ratings	10 hp 200/208 V AC 10 hp 240 V AC 20 hp 480 V AC 20 hp 600 V AC 2 hp 120 V AC 5 hp 240 V AC
[Ue] Iec Rated Operational Voltage	690 V AC 50/60 Hz
Iec Rated Operational Power In W	15 kW 400 V AC-23A) 18.5 kW 500 V AC-23A) 22 kW 690 V AC-23A)
[Ie] Rated Operational Current	32 A Ue: 600 V UL 508 32 A AC-21A Ue: 400 V 32 A AC-21A Ue: 500 V 32 A AC-21A Ue: 690 V 32 A AC-22A Ue: 400 V 32 A AC-22A Ue: 500 V 32 A AC-22A Ue: 690 V 32 A AC-23A Ue: 400 V 25 A AC-23A Ue: 500 V 25 A AC-23A Ue: 690 V
[Ith] Conventional Free Air Thermal Current	32 A (at 131 °F (55 °C))
[Ithe] Conventional Enclosed Thermal Current	32 A
Making Capacity (I Rms)	320 A 690 V AC-23A 48 A 690 V AC-21A 96 A 690 V AC-22A

Disclaimer: 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

Breaking Capacity	48 A 690 V AC-21A) 96 A 690 V AC-22A) 256 A 690 V AC-23A)
Sccr	Fuse RK5 45 A maximum: 5 kA at 600 V AC
Rated Conditional Short Circuit Current	50 kA 400 V 32 A gG
[Icm] Rated Short Circuit Making Capacity	1128 A 690 V
Intermittent Duty Class	Class 120 - 60 %
[Uimp] Rated Impulse Withstand Voltage	8 kV
[Icw] Rated Short-Time Withstand Rms Current	800 A 690 V 1 s
Mechanical Durability	100000 cycles
Electrical Durability	100000 cycles AC-21A
UI Wire Size	AWG 18...AWG 6 copper
Iec Terminal Connection	Power circuit screw clamp terminals 0.02 in² (10 mm²) solid Power circuit screw clamp terminals 0.02 in² (16 mm²) flexible - without cable end
Tightening Torque	Power circuit 15.93...17.70 lbf.in (1.8...2 N.m) screw clamp terminals
Height	2.87 in (73 mm)
Width	1.77 in (45 mm)
Depth	3.07 in (78 mm)
Product Weight	0.30 lb(US) (0.135 kg)

Environment

Standards	UL 508 CSA C22.2 No 14 IEC 60947-3
Product Certifications	cULus GL
Degree Of Protection	IP20 conforming to 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

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	3.15 in (8 cm)
Package 1 Width	4.72 in (12 cm)
Package 1 Length	3.35 in (8.5 cm)
Package 1 Weight	6.81 oz (193 g)
Unit Type Of Package 2	S03
Number Of Units In Package 2	27
Package 2 Height	11.81 in (30 cm)
Package 2 Width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)

Package 2 Weight

13.06 lb(US) (5.924 kg)

Sustainability

Green Premium™ label is Schneider Electric’s commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

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[Guide to assess a product’s sustainability >](#)

Well-being performance

✓	Reach Free Of Svhc	
✓	Toxic Heavy Metal Free	
✓	Mercury Free	
✓	Rohs Exemption Information	Yes
Reach Regulation		REACH Declaration
Eu Rohs Directive		Compliant EU RoHS Declaration
China Rohs Regulation		China RoHS declaration Pro-active China RoHS declaration (out of China RoHS legal scope)