

Product data sheet

Specifications



Disconnect switch, TeSys VLS,
body switch, 125A, 60HP at
480VAC, UL98, three phase, 50kA
SCCR, size 2, DIN rail mount

VLS3P125R2

Product availability: Stock - Normally stocked in distribution facility

Price*: 155.34 USD

Main

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

Complementary

Device Composition	Switch Handle
Mounting Support	Back DIN rail
Mounting Method	By clips back
Performance Level	High performance
Number Of Poles	3P
Contact Type And Composition	3 NO
Color	Gray
[Ue] UI Rated Operational Voltage	600 V AC 50/60 Hz UL 508
[Ue] Iec Rated Operational Voltage	690 V AC 50/60 Hz
UI Maxium Horsepower Ratings	30 hp 200/208 V AC 30 hp 240 V AC 60 hp 480 V AC 60 hp 600 V AC 7.5 hp 120 V AC 10 hp 240 V AC
Iec Rated Operational Power In W	55 kW 400 V AC-23A) 45 kW 500 V AC-23A) 45 kW 690 V AC-23A)
[Ie] Rated Operational Current	100 A Ue: 600 V UL98 125 A AC-21A Ue: 400 V 125 A AC-21A Ue: 500 V 125 A AC-21A Ue: 690 V 125 A AC-22A Ue: 400 V 125 A AC-22A Ue: 500 V 125 A AC-22A Ue: 690 V 125 A AC-23A Ue: 400 V 100 A AC-23A Ue: 500 V 47 A AC-23A Ue: 690 V
[Ith] Conventional Free Air Thermal Current	125 A (at 131 °F (55 °C))
[Ithe] Conventional Enclosed Thermal Current	100 A

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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

Making Capacity (I Rms)	187.5 A 690 V AC-21A 375 A 690 V AC-22A 1250 A 690 V AC-23A
Breaking Capacity	187.5 A 690 V AC-21A) 375 A 690 V AC-22A) 1000 A 690 V AC-23A)
Sccr	Fuse J 100 A maximum: 50 kA at 600 V AC
Rated Conditional Short Circuit Current	50 kA 400 V 125 A gG
[Icm] Rated Short Circuit Making Capacity	3550 A 690 V
[Icw] Rated Short Time Withstand Current	2500 A 690 V 1 s
[Uimp] Rated Impulse Withstand Voltage	8 kV
Suitability For Isolation	Yes
Network Type	AC
Network Frequency	50/60 Hz
Intermittent Duty Class	Class 120 - 60 %
Control Type	Rotary handle
Rotary Handle Mounting Style	Direct
Handle Color	Black
Handle Front Plate Color	Grey
Rotary Handle Padlocking	1 padlock 0.16 in (4 mm)
Marking	0 - 1
Mechanical Durability	30000 cycles
Electrical Durability	30000 cycles AC-21
UI Wire Size	AWG 12...AWG 1 copper
Iec Terminal Connection	Power circuit screw clamp terminals 0.08 in² (50 mm²) solid Power circuit screw clamp terminals 0.11 in² (70 mm²) flexible - without cable end
Tightening Torque	Power circuit 44.25...53.10 lbf.in (5...6 N.m) screw clamp terminals
Height	2.95 in (75 mm)
Width	2.76 in (70 mm)
Depth	3.94 in (100 mm)
Product Weight	0.80 lb(US) (0.365 kg)

Environment

Standards	UL98 CSA C22.2 No 4 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
Compatibility Code	VLS

Ordering and shipping details

Category	US10CP121734
Discount Schedule	0CP1
Gtin	3606481156501
Returnability	Yes
Country Of Origin	US

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	3.15 in (8.000 cm)
Package 1 Width	3.35 in (8.500 cm)
Package 1 Length	4.72 in (12.000 cm)
Package 1 Weight	14.46 oz (410.000 g)
Unit Type Of Package 2	S03
Number Of Units In Package 2	27
Package 2 Height	11.81 in (30.000 cm)
Package 2 Width	11.81 in (30.000 cm)
Package 2 Length	15.75 in (40.000 cm)
Package 2 Weight	25.33 lb(US) (11.490 kg)

Sustainability

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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)	