

Product data sheet

Specifications



TeSys VLS - additional pole - 125 A - DIN rail - early-make closing - size 2

VLS1P125R2E

⚠ Discontinued on: Jul 12, 2021

⚠ End-of-service on: Aug 2, 2021

⚠ Discontinued

Main

Range	TeSys
Device Short Name	VLS1P
Product Or Component Type	Additional pole
Performance Level	High performance
Poles Description	1P
Contacts Type And Composition	1 NO
Contact Operation	Early make
Range Compatibility	TeSys TeSys VARIO LS VLS3P
Network Type	AC
Network Frequency	50/60 Hz
Suitability For Isolation	Yes

Complementary

Mounting Location	Left Right
Mounting Support	DIN rail
[Ue] Rated Operational Voltage	690 V AC 50/60 Hz
[Uimp] Rated Impulse Withstand Voltage	8 kV
[Ith] Conventional Free Air Thermal Current	125 A (at 131 °F (55 °C))
[Ithe] Conventional Enclosed Thermal Current	100 A
[Ie] Rated Operational Current	47 A AC-23A Ue: 690 V 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
Rated Operational Power In W	45 kW 500 V AC-23A) 45 kW 690 V AC-23A) 55 kW 400 V AC-23A)
Intermittent Duty Class	Class 120 - 60 %

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
[Icm] Rated Short-Circuit Making Capacity	3550 A 690 V
[Icw] Rated Short-Time Withstand Rms Current	2500 A 690 V 1 s
Rated Conditional Short-Circuit Current	50 kA 400 V 125 A gG
Breaking Capacity	187.5 A 690 V AC-21A) 375 A 690 V AC-22A) 1000 A 690 V AC-23A)
Mechanical Durability	30000 cycles
Electrical Durability	30000 cycles AC-21
Connections - Terminals	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	3.94 in (100 mm)
Width	0.91 in (23 mm)
Depth	1.73 in (43.9 mm)
Net Weight	0.24 lb(US) (0.11 kg)
Colour	Grey

Environment

Standards	UL98 IEC 60947-3 CSA C22.2 No 4
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

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	2.48 in (6.3 cm)
Package 1 Width	2.76 in (7 cm)
Package 1 Length	4.38 in (11.13 cm)
Package 1 Weight	4.62 oz (131 g)

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.

[Learn more about Green Premium >](#)

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

Well-being performance

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