Product data sheet

Specifications

Disconnect switch, TeSys VLS, additional pole, 125A, for 125A switch, size 2, door mount

VLS1P125D2S

Discontinued on: Dec 18, 2023

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	Simultaneous
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	Door
[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	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
Rated operational power in W	55 kW 400 V AC-23A) 45 kW 500 V AC-23A) 45 kW 690 V AC-23A)
Intermittent duty class	Class 120 - 60 %
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 0.1 in² (70 mm²) flexible - without cable end
Tightening torque	Power circuit 44.3…53.1 lbf.in (5…6 N.m) screw clamp terminals
Height	3.9 in (100 mm)
Width	0.9 in (23 mm)
Depth	1.9 in (48.6 mm)
Net weight	0.24 lb(US) (0.11 kg)
Colour	Grey

Environment

Standards	UL98 CSA C22.2 No 4 IEC 60947-3
Product certifications	cULus GL
IP 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	2.50 in (6.35 cm)
Package 1 Width	4.50 in (11.43 cm)
Package 1 Length	3.00 in (7.62 cm)
Package 1 Weight	0.31 lb(US) (0.14 kg)
Unit Type of Package 2	S03
Number of Units in Package 2	36
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	12.128 lb(US) (5.501 kg)

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

Use Better

Materials and Substances

Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**No**
EU RoHS Directive	**Compliant**