

# Product data sheet

Specifications



Disconnect switch, TeSys VLS,  
additional pole, early-make closing,  
63A, for 63A switch, size 1, DIN rail

VLS1P063R1E

⚠ 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	Early make
Range Compatibility	TeSys TeSys VARIO LS VLS3P
Network Type	AC
Network Frequency	50/60 Hz
Suitability For Isolation	Yes

## Complementary

Mounting Location	Right Left
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	63 A (at 131 °F (55 °C))
[Ithe] Conventional Enclosed Thermal Current	45 A
[Ie] Rated Operational Current	60 A Ue: 600 V UL 508 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 25 A AC-23A Ue: 500 V 25 A AC-23A Ue: 690 V
Rated Operational Power In W	22 kW 400 V AC-23A) 22 kW 500 V AC-23A) 22 kW 690 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

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

[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)
Mechanical Durability	100000 cycles
Electrical Durability	15000 cycles AC-21
Connections - Terminals	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	3.07 in (78 mm)
Width	0.47 in (12 mm)
Depth	1.72 in (43.6 mm)
Net Weight	0.09 lb(US) (0.04 kg)
Colour	Grey

## Environment

Standards	UL 508 CSA C22.2 No 14 IEC 60947-3
Product Certifications	cULus 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	1.30 in (3.3 cm)
Package 1 Width	3.50 in (8.89 cm)
Package 1 Length	3.00 in (7.62 cm)
Package 1 Weight	0.11 lb(US) (0.05 kg)
Unit Type Of Package 2	S01
Number Of Units In Package 2	30
Package 2 Height	5.91 in (15 cm)
Package 2 Width	5.91 in (15 cm)
Package 2 Length	15.75 in (40 cm)
Package 2 Weight	3.34 lb(US) (1.515 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)	
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins	