

# Product data sheet

Specifications



Disconnect switch, TeSys VLS,  
additional pole, 63A, for 30A and  
63A switch, size 2, door mount

VLS1P063D2S

## 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	Right Left
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	63 A (at 131 °F (55 °C))
[Ithe] conventional enclosed thermal current	63 A
[Ie] rated operational current	60 A Ue: 600 V UL98 63 A AC-21A Ue: 400 V 63 A AC-21A Ue: 500 V 63 A AC-21A Ue: 690 V 63 A AC-22A Ue: 400 V 63 A AC-22A Ue: 500 V 63 A AC-22A Ue: 690 V 63 A AC-23A Ue: 400 V 63 A AC-23A Ue: 500 V 47 A AC-23A Ue: 690 V
Rated operational power in W	30 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)	94.5 A 690 V AC-21A 189 A 690 V AC-22A 630 A 690 V AC-23A
[Icm] rated short-circuit making capacity	3550 A 690 V

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

<b>[Icw] rated short-time withstand Rms current</b>	2500 A 690 V 1 s
<b>Rated conditional short-circuit current</b>	50 kA 400 V 63 A gG
<b>Breaking capacity</b>	94.5 A 690 V AC-21A) 189 A 690 V AC-22A) 504 A 690 V AC-23A)
<b>Mechanical durability</b>	30000 cycles
<b>Electrical durability</b>	30000 cycles AC-21
<b>Connections - terminals</b>	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
<b>Tightening torque</b>	Power circuit 44.3...53.1 lbf.in (5...6 N.m) screw clamp terminals
<b>Height</b>	3.9 in (100 mm)
<b>Width</b>	0.9 in (23 mm)
<b>Depth</b>	1.91 in (48.6 mm)
<b>net weight</b>	0.24 lb(US) (0.11 kg)
<b>Colour</b>	Grey

## Environment

<b>Standards</b>	UL98 CSA C22.2 No 4 IEC 60947-3
<b>Product certifications</b>	cULus GL
<b>IP degree of protection</b>	IP20 conforming to IEC 60529
<b>Mechanical robustness</b>	Vibrations 2...100 Hz Fc 0.7 g) IEC 60068-2-6 Shocks 11 ms Ea 15 gn) IEC 60068-2-27
<b>Ambient air temperature for operation</b>	-13...131 °F (-25...55 °C)
<b>Fire resistance</b>	1760 °F (960 °C) IEC 60695-2-11

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	2.756 in (7.000 cm)
<b>Package 1 Width</b>	4.488 in (11.400 cm)
<b>Package 1 Length</b>	2.520 in (6.400 cm)
<b>Package 1 Weight</b>	4.691 oz (133.000 g)

## 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)	