

# Product data sheet

Specifications



## Disconnect switch, TeSys VLS, additional neutral terminal, for 30A to 125A, size 2 (70mm), door mount

VLS1ND2

! To be discontinued on: 15 September 2023

! To be discontinued

### Main

Range	TeSys
Device short name	VLS1N
Product or component type	Additional neutral block
Performance level	High performance
Poles description	1N
Contacts type and composition	Without
Range compatibility	TeSys (TeSys VARIO LS) VLS3P TeSys (TeSys VARIO LS) VLS1P TeSys (TeSys VARIO LS) VLSA TeSys (TeSys VARIO LS) VLS1G
Network type	AC
Network frequency	50/60 Hz

### Complementary

Mounting location	Right Left
Main device mounting mode	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 131 °F (55 °C)
[Ithe] conventional enclosed thermal current	125 A
Connections - terminals	screw clamp terminals 0.08 in <sup>2</sup> (50 mm <sup>2</sup> ) solid screw clamp terminals 0.11 in <sup>2</sup> (70 mm <sup>2</sup> ) flexible - without cable end
Tightening torque	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	1.91 in (48.6 mm)
Product weight	0.24 lb(US) (0.11 kg)
Colour	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 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>	2.50 in (6.35 cm)
<b>Package 1 Width</b>	4.50 in (11.43 cm)
<b>Package 1 Length</b>	3.00 in (7.62 cm)
<b>Package 1 Weight</b>	0.26 lb(US) (0.12 kg)
<b>Unit Type of Package 2</b>	S03
<b>Number of Units in Package 2</b>	36
<b>Package 2 Height</b>	11.81 in (30 cm)
<b>Package 2 Width</b>	11.81 in (30 cm)
<b>Package 2 Length</b>	15.75 in (40 cm)
<b>Package 2 Weight</b>	10.78 lb(US) (4.889 kg)

## Offer Sustainability

<b>REACH Regulation</b>	<a href="#">REACH Declaration</a>
<b>REACH free of SVHC</b>	Yes
<b>EU RoHS Directive</b>	Compliant <a href="#">EU RoHS Declaration</a>
<b>Toxic heavy metal free</b>	Yes
<b>Mercury free</b>	Yes
<b>China RoHS Regulation</b>	<a href="#">China RoHS declaration</a> Pro-active China RoHS declaration (out of China RoHS legal scope)
<b>RoHS exemption information</b>	<a href="#">Yes</a>

## Recommended replacement(s)