

# Product data sheet

Specifications



Disconnect switch, TeSys VLS,  
body switch, 30A, 20HP at 480VAC,  
UL98, three phase, 50kA SCCR,  
size 2, door mount

VLS3P030D2

Product availability: Stock - Normally stocked in distribution facility

Price\*: 89.00 USD

## Main

Range	TeSys
Product Name	TeSys VARIO LS
Device Short Name	VLS3P
Product Type	Switch body

## Complementary

Mounting Support	Door
Performance Level	High performance
Number Of Poles	3P
Contact Type And Composition	3 NO
Color	Gray
[Ue] UI Rated Operational Voltage	600 V AC 50/60 Hz UL 508
Network Type	AC
Network Frequency	50/60 Hz
UI Maxium Horsepower Ratings	10 hp 200/208 V AC 10 hp 240 V AC 20 hp 480 V AC 30 hp 600 V AC 2 hp 120 V AC 5 hp 240 V AC
[Ue] Iec Rated Operational Voltage	690 V AC 50/60 Hz
Iec Rated Operational Power In W	15 kW 400 V AC-23A) 15 kW 500 V AC-23A) 30 kW 690 V AC-23A)
[Ie] Rated Operational Current	30 A Ue: 600 V UL98 30 A AC-21A Ue: 400 V 30 A AC-21A Ue: 500 V 30 A AC-21A Ue: 690 V 30 A AC-22A Ue: 400 V 30 A AC-22A Ue: 500 V 30 A AC-22A Ue: 690 V 30 A AC-23A Ue: 400 V 30 A AC-23A Ue: 500 V 30 A AC-23A Ue: 690 V
[Ith] Conventional Free Air Thermal Current	30 A (at 131 °F (55 °C))
[Ithe] Conventional Enclosed Thermal Current	30 A

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

<b>Making Capacity ( I Rms)</b>	630 A 690 V AC-23A 94.5 A 690 V AC-21A 189 A 690 V AC-22A
<b>Breaking Capacity</b>	94.5 A 690 V AC-21A) 189 A 690 V AC-22A) 504 A 690 V AC-23A)
<b>Scrr</b>	Circuit-breaker 100 A maximum: 100 kA at 480 V AC Fuse CC 100 A maximum: 100 kA at 480 V AC Fuse J 100 A maximum: 100 kA at 480 V AC Fuse T 100 A maximum: 100 kA at 480 V AC Fuse CC 60 A maximum: 50 kA at 600 V AC Fuse J 60 A maximum: 50 kA at 600 V AC Fuse T 60 A maximum: 50 kA at 600 V AC
<b>Rated Conditional Short Circuit Current</b>	50 kA 400 V 63 A gG
<b>[Icm] Rated Short Circuit Making Capacity</b>	3550 A 690 V
<b>Intermittent Duty Class</b>	Class 120 - 60 %
<b>[Uimp] Rated Impulse Withstand Voltage</b>	8 kV
<b>[Icw] Rated Short-Time Withstand Rms Current</b>	2500 A 690 V 1 s
<b>Mechanical Durability</b>	30000 cycles
<b>Electrical Durability</b>	30000 cycles AC-21
<b>UI Wire Size</b>	AWG 12...AWG 1 copper
<b>Iec Terminal Connection</b>	Power circuit screw clamp terminals 0.08 in <sup>2</sup> (50 mm <sup>2</sup> ) solid Power circuit screw clamp terminals 0.11 in <sup>2</sup> (70 mm <sup>2</sup> ) flexible - without cable end
<b>Tightening Torque</b>	Power circuit 44.25...53.10 lbf.in (5...6 N.m) screw clamp terminals
<b>Height</b>	2.76 in (70 mm)
<b>Width</b>	2.76 in (70 mm)
<b>Depth</b>	3.94 in (100 mm)
<b>Product Weight</b>	0.80 lb(US) (0.365 kg)

## Environment

<b>Standards</b>	UL98 CSA C22.2 No 4 IEC 60947-3
<b>Product Certifications</b>	cULus GL
<b>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

## Ordering and shipping details

<b>Category</b>	21734-TESYS VLS DISCONNECT SWITCHES
<b>Discount Schedule</b>	CP1
<b>Gtin</b>	3606481385963
<b>Returnability</b>	Yes

## Packing Units

<b>Unit Type Of Package 1</b>	PCE
<b>Number Of Units In Package 1</b>	1
<b>Package 1 Height</b>	2.76 in (7.0 cm)
<b>Package 1 Width</b>	3.94 in (10.0 cm)
<b>Package 1 Length</b>	2.76 in (7.0 cm)
<b>Package 1 Weight</b>	13.23 oz (375.0 g)
<b>Unit Type Of Package 2</b>	S03
<b>Number Of Units In Package 2</b>	27
<b>Package 2 Height</b>	11.81 in (30.0 cm)
<b>Package 2 Width</b>	11.81 in (30.0 cm)
<b>Package 2 Length</b>	15.75 in (40.0 cm)
<b>Package 2 Weight</b>	23.89 lb(US) (10.838 kg)

## 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-CO<sub>2</sub> 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

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✓ Toxic Heavy Metal Free

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✓ Mercury Free

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✓ Rohs Exemption Information [Yes](#)

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**Reach Regulation** [REACH Declaration](#)

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**Eu Rohs Directive** Compliant  
[EU RoHS Declaration](#)

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**China Rohs Regulation** [China RoHS declaration](#)  
Pro-active China RoHS declaration (out of China RoHS legal scope)

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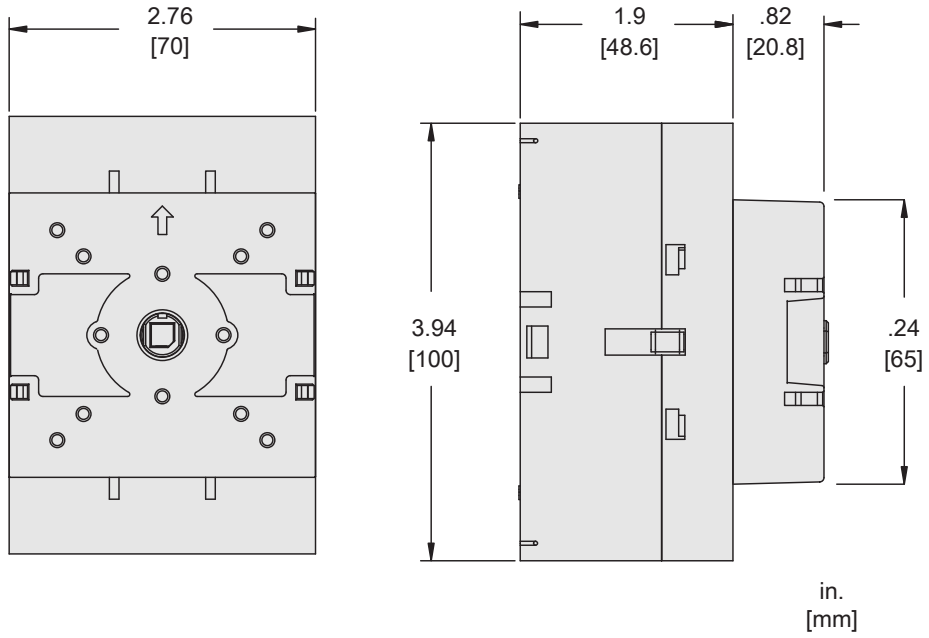
**Weee** The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

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## Dimensions

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VLS3P030D2  
VLS3P063D2  
VLS3P080D2  
VLS3P100D2  
VLS3P125D2



ALL DIMENSIONS ARE APPROXIMATE.  
REFER TO TECHNICAL DRAWINGS AND DOCUMENTATION FOR COMPLETE INFORMATION.