

# Product data sheet

Specifications



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

VLS3P030R2

Product availability: Stock - Normally stocked in distribution facility

Price\*: 80.00 USD

## Main

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

## Complementary

Device Composition	Handle Switch
Mounting Support	Back DIN rail
Mounting Method	By clips back
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
[Ue] Iec Rated Operational Voltage	690 V AC 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
Iec Rated Operational Power In W	15 kW 400 V AC-23A) 18.5 kW 500 V AC-23A) 22 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	32 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>	48 A 690 V AC-21A 96 A 690 V AC-22A 320 A 690 V AC-23A
<b>Breaking Capacity</b>	48 A 690 V AC-21A) 96 A 690 V AC-22A) 256 A 690 V AC-23A)
<b>Sccr</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 32 A gG
<b>[Icm] Rated Short Circuit Making Capacity</b>	1128 A 690 V
<b>[Icw] Rated Short Time Withstand Current</b>	2500 A 690 V 1 s
<b>[Uimp] Rated Impulse Withstand Voltage</b>	8 kV
<b>Suitability For Isolation</b>	Yes
<b>Network Type</b>	AC
<b>Network Frequency</b>	50/60 Hz
<b>Intermittent Duty Class</b>	Class 120 - 60 %
<b>Control Type</b>	Rotary handle
<b>Rotary Handle Mounting Style</b>	Direct
<b>Handle Color</b>	Black
<b>Handle Front Plate Color</b>	Grey
<b>Rotary Handle Padlocking</b>	1 padlock 0.16 in (4 mm)
<b>Marking</b>	0 - 1
<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>	2.95 in (75 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
<b>Compatibility Code</b>	VLS

## Ordering and shipping details

<b>Category</b>	21734-TESYS VLS DISCONNECT SWITCHES
<b>Discount Schedule</b>	CP1
<b>Gtin</b>	3606481385956
<b>Returnability</b>	Yes
<b>Country Of Origin</b>	IT

## Packing Units

<b>Unit Type Of Package 1</b>	PCE
<b>Number Of Units In Package 1</b>	1
<b>Package 1 Height</b>	3.23 in (8.200 cm)
<b>Package 1 Width</b>	3.39 in (8.600 cm)
<b>Package 1 Length</b>	4.84 in (12.300 cm)
<b>Package 1 Weight</b>	14.60 oz (414.000 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 (30.000 cm)
<b>Package 2 Width</b>	11.81 in (30.000 cm)
<b>Package 2 Length</b>	15.75 in (40.000 cm)
<b>Package 2 Weight</b>	25.78 lb(US) (11.692 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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