Product data sheet

Specifications

Disconnect switch, TeSys VLS, body switch, 60A, 40HP at 480VAC, UL98, three phase, 50kA SCCR, size 2, DIN rail mount

VLS3P063R2

Product availability: Stock - Normally stocked in distribution facility

Main

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

Complementary

Device Composition	Switch Handle
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] UL Rated Operational Voltage	600 V AC 50/60 Hz UL 508
[Ue] IEC Rated Operational Voltage	690 V AC 50/60 Hz
UL Maxium Horsepower Ratings	20 hp 200/208 V AC 20 hp 240 V AC 40 hp 480 V AC 40 hp 600 V AC 3 hp 120 V AC 7.5 hp 240 V AC
IEC Rated Operational Power in W	30 kW 400 V AC-23A) 45 kW 500 V AC-23A) 45 kW 690 V AC-23A)
[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
[Ith] Conventional Free Air Thermal Current	63 A (at 131 °F (55 °C))
[Ithe] Conventional Enclosed Thermal Current	63 A

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

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Making Capacity (I Rms)	94.5 A 690 V AC-21A 189 A 690 V AC-22A 630 A 690 V AC-23A
Breaking Capacity	94.5 A 690 V AC-21A) 189 A 690 V AC-22A) 504 A 690 V AC-23A)
SCCR	Fuse J 60 A maximum: 50 kA at 600 V AC
Rated Conditional Short Circuit Current	50 kA 400 V 63 A gG
[Icm] Rated Short Circuit Making Capacity	3550 A 690 V
[Icw] Rated Short Time Withstand Current	2500 A 690 V 1 s
[Uimp] Rated Impulse Withstand Voltage	8 kV
Suitability for Isolation	Yes
Network Type	AC
Network Frequency	50/60 Hz
Intermittent Duty Class	Class 120 - 60 %
Control Type	Rotary handle
Rotary Handle Mounting Style	Direct
Handle Color	Black
Handle Front Plate Color	Grey
Rotary Handle Padlocking	1 padlock 0.2 in (4 mm)
Marking	0 - 1
Mechanical Durability	30000 cycles
Electrical Durability	30000 cycles AC-21
UL Wire Size	AWG 12...AWG 1 copper
IEC Terminal Connection	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
Tightening Torque	Power circuit 44.3…53.1 lbf.in (5…6 N.m) screw clamp terminals
Height	3.0 in (75 mm)
Width	2.8 in (70 mm)
Depth	3.9 in (100 mm)
Product Weight	0.805 lb(US) (0.365 kg)

Environment

Standards	UL98 CSA C22.2 No 4 IEC 60947-3
Product Certifications	cULus GL
Degree of Protection	IP20 conforming to 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
Compatibility Code	VLS

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Ordering and shipping details

Category	US10CP121734
Discount Schedule	0CP1
GTIN	3606481156471
Returnability	Yes
Country of origin	IT

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.15 in (8.0 cm)
Package 1 Width	3.35 in (8.5 cm)
Package 1 Length	4.72 in (12.0 cm)
Package 1 Weight	14.4 oz (409.0 g)
Unit Type of Package 2	S03
Number of Units in Package 2	27
Package 2 Height	11.81 in (30.0 cm)
Package 2 Width	11.81 in (30.0 cm)
Package 2 Length	15.75 in (40.0 cm)
Package 2 Weight	25.474 lb(US) (11.555 kg)

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

Use Better

Materials and Substances	
Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**Yes**
EU RoHS Directive	**Compliant**

Use Again

Repack and remanufacture	
Circularity Profile	**No need of specific recycling operations**
Take-back	**No**