

Product datasheet

Specifications



Disconnect switch, TeSys VLS,
body switch, 25A, 15HP at 480VAC,
UL508, three phase, 5kA SCCR,
size 1, DIN rail mount

Local distributor code:
407812325 VLS3P025R1

EAN Code: 3606481156440

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 for back
Performance Level	High performance
Number Of Poles	3P
Contact Type And Composition	3 NO
Color	Grey
[Ue] UI Rated Operational Voltage	600 V AC 50/60 Hz conforming to UL 508
[Ue] Iec Rated Operational Voltage	690 V AC 50/60 Hz
UI Maxium Horsepower Ratings	7.5 hp at 200/208 V AC 7.5 hp at 240 V AC 15 hp at 480 V AC 20 hp at 600 V AC 1.5 hp at 120 V AC 3 hp at 240 V AC
Iec Rated Operational Power In W	11 kW at 400 V (AC-23A) 15 kW at 500 V (AC-23A) 22 kW at 690 V (AC-23A)
[Ie] Rated Operational Current	25 A Ue: 600 V conforming to UL 508 25 A AC-21A Ue: 400 V 25 A AC-21A Ue: 500 V 25 A AC-21A Ue: 690 V 25 A AC-22A Ue: 400 V 25 A AC-22A Ue: 500 V 25 A AC-22A Ue: 690 V 25 A AC-23A Ue: 400 V 25 A AC-23A Ue: 500 V 25 A AC-23A Ue: 690 V
[Ith] Conventional Free Air Thermal Current	25 A (at 55 °C)
[Ithe] Conventional Enclosed Thermal Current	25 A
Making Capacity (I Rms)	37.5 A at 690 V AC-21A 75 A at 690 V AC-22A 250 A at 690 V AC-23A

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

Breaking Capacity	37.5 A at 690 V (AC-21A) 75 A at 690 V (AC-22A) 200 A at 690 V (AC-23A)
Sccr	Fuse RK5 30 A maximum: 5 kA at 600 V AC
Rated Conditional Short Circuit Current	50 kA at 400 V - associated fuse 25 A gG
[Icm] Rated Short Circuit Making Capacity	1128 A at 690 V
[Icw] Rated Short Time Withstand Current	800 A at 690 V duration: 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 4 mm
Marking	0 - 1
Mechanical Durability	100000 cycles
Electrical Durability	100000 cycles AC-21A
UI Wire Size	AWG 18...AWG 6 copper
Iec Terminal Connection	Power circuit: screw clamp terminals10 mm² - solid Power circuit: screw clamp terminals16 mm² - flexible - without cable end
Tightening Torque	Power circuit: 1.8...2 N.m - on screw clamp terminals
Height	75 mm
Width	36 mm
Depth	78 mm
Product Weight	0.135 kg

Environment

Standards	UL 508 CSA C22.2 No 14 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) conforming to IEC 60068-2-6 Shocks 11 ms Ea (15 gn) conforming to IEC 60068-2-27
Ambient Air Temperature For Operation	-25...55 °C
Fire Resistance	960 °C conforming to IEC 60695-2-11
Compatibility Code	VLS

Packing Units

Unit Type Of Package 1	PCE
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Number Of Units In Package 1	1
Package 1 Height	8.0 cm
Package 1 Width	8.5 cm
Package 1 Length	12.0 cm
Package 1 Weight	170.0 g
Unit Type Of Package 2	S03
Number Of Units In Package 2	27
Package 2 Height	30.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	5.05 kg

Contractual warranty

Warranty	18 months
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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-CO₂ 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	
✓	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)