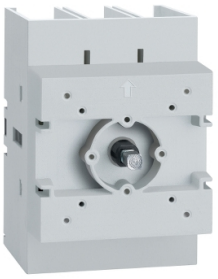
Product data sheet

Specifications



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

VLS3P063D2

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	Grey
[Ue] UL Rated Operational Voltage	600 V AC 50/60 Hz UL 508
Network type	AC
Network frequency	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
[Ue] IEC Rated Operational Voltage	690 V AC 50/60 Hz
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
Making capacity (I Rms)	630 A 690 V AC-23A 94.5 A 690 V AC-21A 189 A 690 V AC-22A

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	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
Intermittent duty class	Class 120 - 60 %
[Uimp] rated impulse withstand voltage	8 kV
[Icw] rated short-time withstand Rms current	2500 A 690 V 1 s
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	2.8 in (70 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	-13.0000000000…131.0000000000 °F (-25…55 °C)
Fire Resistance	1760 °F (960 °C) IEC 60695-2-11

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.150 in (8.000 cm)
Package 1 Width	4.724 in (12.000 cm)
Package 1 Length	3.346 in (8.500 cm)
Package 1 Weight	15.414 oz (437.000 g)

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_2 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

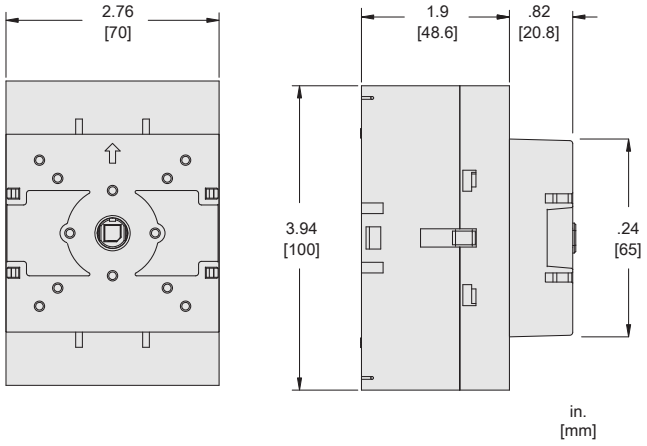
Reach Free Of Svhc	
Toxic Heavy Metal Free	
Mercury Free	
Rohs Exemption Information	Yes

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)

Technical Illustration

Dimensions

VLS3P030D2
VLS3P063D2
VLS3P080D2
VLS3P100D2
VLS3P125D2



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