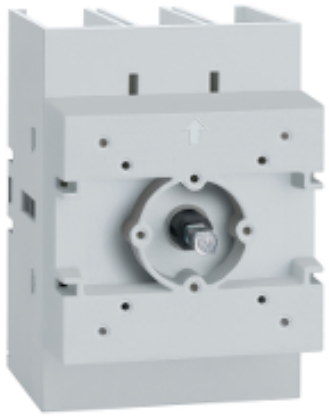
Product data sheet
Characteristics

VLS3P125D2
Disconnect switch, TeSys VLS, body switch, 125A, 60HP at 480VAC, UL98, three phase, 50kA SCCR, size 2, door mount

Product availability: Stock - Normally stocked in distribution facility

Price*: 220.07 USD



Main

Range	TeSys
Product name	TeSys VARIO LS
Device short name	VLS3P
Product or Component Type	Switch body

Complementary

Mounting Support	Door
Performance level	High performance
Poles description	3P
Contacts type and composition	3 NO
Color	Gray
[Ue] rated operational voltage	600 V AC 50/60 Hz UL 508
Network type	AC
Network Frequency	50/60 Hz
Maximum Horse Power Rating	30 Hp 200/208 V AC 30 Hp 240 V AC 60 Hp 480 V AC 60 Hp 600 V AC 7.5 Hp 120 V AC 10 Hp 240 V AC
[Ue] rated operational voltage	690 V AC 50/60 Hz
Rated operational power in W	55 KW 400 V AC-23A) 45 KW 500 V AC-23A) 45 KW 690 V AC-23A)
[Ie] rated operational current	100 A Ue: 600 V UL98 125 A AC-21A Ue: 400 V 125 A AC-21A Ue: 500 V 125 A AC-21A Ue: 690 V 125 A AC-22A Ue: 400 V 125 A AC-22A Ue: 500 V 125 A AC-22A Ue: 690 V 125 A AC-23A Ue: 400 V 100 A AC-23A Ue: 500 V 47 A AC-23A Ue: 690 V

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein.
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.
It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof.
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[Ith] conventional free air thermal current	125 A 131 °F (55 °C)
[Ithe] conventional enclosed thermal current	100 A
Making capacity	1250 A 690 V AC-23A 187.5 A 690 V AC-21A 375 A 690 V AC-22A
Breaking capacity	187.5 A 690 V AC-21A) 375 A 690 V AC-22A) 1000 A 690 V AC-23A)
Product compatibility	Fuse J 100 A maximum: 50 kA at 600 V AC
Rated conditional short-circuit current	50 KA 400 V 125 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 current	2500 A 690 V 1 s
Mechanical durability	30000 Cycles
Electrical durability	30000 Cycles AC-21
AWG gauge	AWG 12...AWG 1 copper
Connections - terminals	Power circuit screw clamp terminals 0.08 in² (50 mm²) solid Power circuit screw clamp terminals 0.11 in² (70 mm²) flexible - without cable end
Tightening torque	Power circuit 44.25…53.10 lbf.in (5…6 N.m) screw clamp terminals
Height	2.76 In (70 mm)
Width	2.76 In (70 mm)
Depth	3.94 In (100 mm)
Net Weight	0.80 Lb(US) (0.365 kg)

Environment

Standards	UL98 CSA C22.2 No 4 IEC 60947-3
Product Certifications	CULus GL
IP 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

Ordering and shipping details

Category	21734-TESYS VLS DISCONNECT SWITCHES
Discount Schedule	CP1
GTIN	3606481156587
Returnability	Yes
Country of origin	IT

Packing Units

Unit Type of Package 1	PCE
Package 1 Length	3.50 In (8.89 cm)
Number of Units in Package 1	1
Package 2 Width	11.81 In (30 cm)
Package 2 Height	11.81 In (30 cm)
Package 2 Weight	27.58 Lb(US) (12.512 kg)
Package 1 Width	3.50 In (8.89 cm)
Package 1 Height	5.00 In (12.7 cm)
Package 1 Weight	0.97 Lb(US) (0.44 kg)

Number of Units in Package 2	27
Unit Type of Package 2	S03
Package 2 Length	15.75 In (40 cm)

Offer Sustainability

REACh Regulation	REACh Declaration
REACh free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration

Product Life Status : Commercialised