Product data sheet
Characteristics

VLS3P032R1
Disconnect switch, TeSys VLS, body switch, 32A, 20HP at 480VAC, UL508, three phase, 5kA SCCR, size 1, DIN rail mount

Product availability: Stock - Normally stocked in distribution facility

Price*: 40.99 USD



Main

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

Complementary

Device Composition	Handle Switch
Mounting support	Back DIN rail
Fixing mode	By clips back
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
[Ue] rated operational voltage	690 V AC 50/60 Hz
Maximum Horse Power Rating	10 Hp 200/208 V AC 10 Hp 240 V AC 20 Hp 480 V AC 20 Hp 600 V AC 2 Hp 120 V AC 5 Hp 240 V AC
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	32 A Ue: 600 V UL 508 32 A AC-21A Ue: 400 V 32 A AC-21A Ue: 500 V 32 A AC-21A Ue: 690 V 32 A AC-22A Ue: 400 V 32 A AC-22A Ue: 500 V 32 A AC-22A Ue: 690 V 32 A AC-23A Ue: 400 V 25 A AC-23A Ue: 500 V 25 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.
Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein. *Prices are indicative

[Ith] conventional free air thermal current	32 A 131 °F (55 °C)
[Ithe] conventional enclosed thermal current	32 A
Making capacity	48 A 690 V AC-21A 96 A 690 V AC-22A 320 A 690 V AC-23A
Breaking capacity	48 A 690 V AC-21A) 96 A 690 V AC-22A) 256 A 690 V AC-23A)
Product compatibility	Fuse RK5 45 A maximum: 5 kA at 600 V AC
Rated conditional short-circuit current	50 KA 400 V 32 A gG
[Icm] rated short-circuit making capacity	1128 A 690 V
[Icw] rated short-time withstand current	800 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 colour	Black
Handle front plate colour	Grey
Rotary handle padlocking	1 padlock 0.16 in (4 mm)
Marking	0 - 1
Mechanical durability	100000 Cycles
Electrical durability	100000 Cycles AC-21A
AWG gauge	AWG 18...AWG 6 copper
Connections - terminals	Power circuit screw clamp terminals 0.02 in² (10 mm²) solid Power circuit screw clamp terminals 0.02 in² (16 mm²) flexible - without cable end
Tightening torque	Power circuit 15.93…17.70 lbf.in (1.8…2 N.m) screw clamp terminals
Height	2.95 In (75 mm)
Width	1.42 In (36 mm)
Depth	3.07 In (78 mm)
Net Weight	0.30 Lb(US) (0.135 kg)

Environment

Standards	UL 508 CSA C22.2 No 14 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
Compatibility code	VLS

Ordering and shipping details

Category	21734-TESYS VLS DISCONNECT SWITCHES
Discount Schedule	CP1
GTIN	3606481156457
Returnability	Yes
Country of origin	IT

Packing Units

Unit Type of Package 1	PCE
Package 1 Length	4.72 In (12.0 cm)
Number of Units in Package 1	1
Package 2 Width	11.81 In (30.0 cm)
Package 2 Height	11.81 In (30.0 cm)
Package 2 Weight	11.13 Lb(US) (5.05 kg)
Package 1 Width	3.35 In (8.5 cm)
Package 1 Height	3.15 In (8.0 cm)
Package 1 Weight	6.00 Oz (170.0 g)
Number of Units in Package 2	27
Unit Type of Package 2	S03
Package 2 Length	15.75 In (40.0 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