Product data sheet
Characteristics

VLS3P063R2
Disconnect switch, TeSys VLS, body switch, 60A, 40HP at 480VAC, UL98, three phase, 50kA SCCR, size 2, DIN rail mount

Product availability: Stock - Normally stocked in distribution facility

Price*: 103.04 USD



Main

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

Complementary

Device Composition	Switch Handle
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	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
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

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[Ith] conventional free air thermal current	63 A 131 °F (55 °C)
[Ithe] conventional enclosed thermal current	63 A
Making capacity	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)
Product compatibility	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 colour	Black
Handle front plate colour	Grey
Rotary handle padlocking	1 padlock 0.16 in (4 mm)
Marking	0 - 1
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	2.95 In (75 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
Compatibility code	VLS

Ordering and shipping details

Category	21734-TESYS VLS DISCONNECT SWITCHES
Discount Schedule	CP1
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	14.43 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	25.47 Lb(US) (11.555 kg)

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