Product data sheet
Characteristics

VLS1P063R2S
Disconnect switch, TeSys VLS, additional pole, 63A, for 30A and 63A switch, size 2, DIN rail

Product availability: Stock - Normally stocked in distribution facility

Price*: 30.43 USD



Main

Range	TeSys
Device short name	VLS1P
Product or Component Type	Additional pole
Performance level	High performance
Poles description	1P
Contacts type and composition	1 NO
Contact operation	Simultaneous
Range compatibility	TeSys (TeSys VARIO LS) VLS3P
Network type	AC
Network Frequency	50/60 Hz
Suitability for isolation	Yes

Complementary

Mounting Location	Right Left
Mounting Support	DIN rail
[Ue] rated operational voltage	690 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	8 KV
[Ith] conventional free air thermal current	63 A 131 °F (55 °C)
[Ithe] conventional enclosed thermal current	63 A
[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
Rated operational power in W	30 KW 400 V AC-23A) 45 KW 500 V AC-23A) 45 KW 690 V AC-23A)
Intermittent duty class	Class 120 - 60 %

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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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Making capacity	94.5 A 690 V AC-21A 189 A 690 V AC-22A 630 A 690 V AC-23A
[Icm] rated short-circuit making capacity	3550 A 690 V
[Icw] rated short-time withstand current	2500 A 690 V 1 s
Rated conditional short-circuit current	50 KA 400 V 63 A gG
Breaking capacity	94.5 A 690 V AC-21A) 189 A 690 V AC-22A) 504 A 690 V AC-23A)
Mechanical durability	30000 Cycles
Electrical durability	30000 Cycles AC-21
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	3.94 In (100 mm)
Width	0.91 In (23 mm)
Depth	1.91 In (48.6 mm)
Net Weight	0.24 Lb(US) (0.11 kg)
Color	Gray

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	3606481156600
Returnability	Yes
Country of origin	IT

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.52 In (6.4 cm)
Package 1 Width	4.45 In (11.3 cm)
Package 1 Length	2.87 In (7.3 cm)
Package 1 Weight	4.59 Oz (130.0 g)
Unit Type of Package 2	S03
Number of Units in Package 2	36
Package 2 Height	11.81 In (30 cm)
Package 2 Width	11.81 In (30 cm)
Package 2 Length	15.75 In (40 cm)
Package 2 Weight	11.89 Lb(US) (5.393 kg)

Offer Sustainability

California proposition 65	WARNING: This product can expose you to chemicals including: Antimony oxide & Antimony trioxide, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov
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