Product data sheet
Characteristics

VLS1P040R1S
Disconnect switch, TeSys VLS, additional pole, 40A, for 16A to 40A switch, size 1, DIN rail

Product availability: Stock - Normally stocked in distribution facility

Price*: 24.91 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 VARIO LS VLS3P
Network type	AC
Network Frequency	50/60 Hz
Suitability for isolation	Yes

Complementary

Mounting Location	Left Right
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	40 A 131 °F (55 °C)
[Ithe] conventional enclosed thermal current	40 A
[Ie] rated operational current	40 A Ue: 600 V UL 508 40 A AC-21A Ue: 400 V 40 A AC-21A Ue: 500 V 40 A AC-21A Ue: 690 V 40 A AC-22A Ue: 400 V 40 A AC-22A Ue: 500 V 40 A AC-22A Ue: 690 V 40 A AC-23A Ue: 400 V 25 A AC-23A Ue: 500 V 25 A AC-23A Ue: 690 V
Rated operational power in W	18.5 KW 400 V AC-23A) 18.5 KW 500 V AC-23A) 22 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	60 A 690 V AC-21A 120 A 690 V AC-22A 400 A 690 V AC-23A
[Icm] rated short-circuit making capacity	1128 A 690 V
[Icw] rated short-time withstand current	800 A 690 V 1 s
Rated conditional short-circuit current	50 KA 400 V 40 A gG
Breaking capacity	60 A 690 V AC-21A) 120 A 690 V AC-22A) 320 A 690 V AC-23A)
Mechanical durability	100000 Cycles
Electrical durability	100000 Cycles AC-21A
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	3.07 In (78 mm)
Width	0.47 In (12 mm)
Depth	1.72 In (43.6 mm)
Net Weight	0.09 Lb(US) (0.04 kg)
Color	Gray

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

Ordering and shipping details

Category	21734-TESYS VLS DISCONNECT SWITCHES
Discount Schedule	CP1
GTIN	3606481156594
Number of Units in Package 1	1
Package 1 Weight	1.52 Oz (43 g)
Returnability	Yes
Country of origin	IT

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	3.07 In (7.8 cm)
Package 1 Width	1.73 In (4.4 cm)
Package 1 Length	0.47 In (1.2 cm)
Unit Type of Package 2	S01
Number of Units in Package 2	30
Package 2 Weight	3.34 Lb(US) (1.515 kg)
Package 2 Height	5.91 In (15 cm)
Package 2 Width	5.91 In (15 cm)
Package 2 Length	15.75 In (40 cm)

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