Product data sheet
Characteristics

VLS1P125D2E
TeSys VLS - additional pole - 125 A - door - early-make closing - size 2



⚠ This Product is Obsolete

Commercial status
This Product is Obsolete : NOV 11, 2020

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	Early make
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	Door
[Ue] rated operational voltage	690 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	8 KV
[Ith] conventional free air thermal current	125 A 131 °F (55 °C)
[Ithe] conventional enclosed thermal current	100 A
[Ie] rated operational current	47 A AC-23A Ue: 690 V 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
Rated operational power in W	45 KW 500 V AC-23A) 45 KW 690 V AC-23A) 55 KW 400 V AC-23A)
Intermittent duty class	Class 120 - 60 %

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Making capacity	187.5 A 690 V AC-21A 375 A 690 V AC-22A 1250 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 125 A gG
Breaking capacity	187.5 A 690 V AC-21A) 375 A 690 V AC-22A) 1000 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	CSA C22.2 No 4 IEC 60947-3 UL98
Product Certifications	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	3606481156723
Number of Units in Package 1	1
Package 1 Weight	4.73 Oz (134.0 g)
Returnability	No
Country of origin	IT

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	2.48 In (6.3 cm)
Package 1 Width	2.76 In (7.0 cm)
Package 1 Length	4.45 In (11.3 cm)
Unit Type of Package 2	S03
Number of Units in Package 2	36
Package 2 Weight	12.21 Lb(US) (5.537 kg)
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)

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 :	End of commerc. - Block