

Product data sheet

Specifications



Auxiliary contact block, TeSys Deca, 2NO(sealed)+1NO+1NC, front mounting, screw clamp terminals

LA1DZ31

Product availability: Stock - Normally stocked in distribution facility

Main

Range	TeSys
Product name	TeSys Deca
Product or Component Type	Auxiliary contact block
Device short name	LA1
Range compatibility	TeSys D CAD TeSys D LC1D TeSys F LC1F TeSys F CR1F TeSys Deca CAD TeSys Deca LC1D
Mounting Location	Front
Pole contact composition	2 NO (sealed) + 1 NO + 1 NC
Contacts operation	Instantaneous
[Ue] rated operational voltage	125 V AC protected contact 30 V DC protected contact 690 V AC non-protected contact
[Ie] rated operational current	0.1 A for protected contact
[Ui] rated insulation voltage	250 V - protected contact IEC 60947-5-1 690 V - non-protected contact IEC 60947-5-1 600 V - non-protected contact UL 60947-5-1 600 V - non-protected contact CSA C22.2 No 60947-5-1
[Ith] conventional free air thermal current	10 A (at 104 °F (40 °C)) for non-protected contact
Standards	EN/IEC 60947-5-1 UL 60947-5-1 CSA C22.2 No 60947-5-1 GB/T 14048.5
Product Certifications	CB UL CSA CCC EAC UKCA

Complementary

Protection type	GG fuse 10 A non-protected contact
Mechanical durability	5 Mcycles
Minimum switching current	1 mA for protected contact 5 mA for non-protected contact
Minimum switching voltage	5 V for protected contact 17 V for non-protected contact
Insulation resistance	> 10 MOhm

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: 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

Connections - terminals	screw clamp terminals 1 0.002...0.004 in² (1...2.5 mm²)flexible with cable end screw clamp terminals 1 0.002...0.004 in² (1...2.5 mm²)flexible without cable end screw clamp terminals 2 0.002...0.004 in² (1...2.5 mm²)flexible with cable end screw clamp terminals 2 0.002...0.004 in² (1...2.5 mm²)flexible without cable end screw clamp terminals 1 0.002...0.004 in² (1...2.5 mm²)rigid screw clamp terminals 2 0.002...0.004 in² (1...2.5 mm²)rigid
Tightening torque	15.05 lbf.in (1.7 N.m) flat Ø 6 mm 15.05 lbf.in (1.7 N.m) Philips No 2 15.05 lbf.in (1.7 N.m) pozidriv No 2
Height	1.9 in (48 mm)
Width	1.7 in (44 mm)
Depth	1.5 in (39 mm)

Environment

Environmental characteristic	Harsh environment
IP degree of protection	IP2X conforming to IEC 60529
Protective treatment	TH IEC 60068
Ambient Air Temperature for Storage	-13...158 °F (-25...70 °C)
Ambient Air Temperature for Operation	-13...158 °F (-25...70 °C)

Ordering and shipping details

Category	US10I1222341
Discount Schedule	0I12
GTIN	3389110236521
Returnability	Yes
Country of origin	CZ

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	1.850 in (4.700 cm)
Package 1 Width	1.890 in (4.800 cm)
Package 1 Length	2.047 in (5.200 cm)
Package weight(Lbs)	2.257 oz (64.000 g)
Unit Type of Package 2	S02
Number of Units in Package 2	80
Package 2 Height	5.906 in (15.000 cm)
Package 2 Width	11.811 in (30.000 cm)
Package 2 Length	15.748 in (40.000 cm)
Package 2 Weight	12.044 lb(US) (5.463 kg)

Contractual warranty

Warranty (in months)	18
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)



Environmental footprint

Total lifecycle Carbon footprint	4 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	0.4 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.1 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	3 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0.2 kg CO2 eq.

Use Better



Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Compliant
REACH Regulation	Free of Substances of Very High Concern above the threshold

Use Longer



Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

Recyclability potential, in %	39
Take-back	No
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.