Product datasheet

Specifications

Green Premium™

Discontinued

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

LA1DZ31

Discontinued on: Jul 10, 2021

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 for protected contact 30 V DC for protected contact 690 V AC for non-protected contact
[Ie] Rated Operational Current	0.1 A for protected contact
[Ui] Rated Insulation Voltage	250 V - for protected contact conforming to IEC 60947-5-1 690 V - for non-protected contact conforming to IEC 60947-5-1 600 V - for non-protected contact conforming to UL 60947-5-1 600 V - for non-protected contact conforming to CSA C22.2 No 60947-5-1
[Ith] Conventional Free Air Thermal Current	10 A (at 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 for non-protected contact
Mechanical Durability	5 Mcycles
Minimum Switching Current	1 mA for protected contact 5 mA for non-protected contact

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

Minimum Switching Voltage	5 V for protected contact 17 V for non-protected contact
Insulation Resistance	> 10 MOhm
Connections - Terminals	Screw clamp terminals 1 cable(s) 1…2.5 mm²flexible with cable end Screw clamp terminals 1 cable(s) 1…2.5 mm²flexible without cable end Screw clamp terminals 2 cable(s) 1…2.5 mm²flexible with cable end Screw clamp terminals 2 cable(s) 1…2.5 mm²flexible without cable end Screw clamp terminals 1 cable(s) 1…2.5 mm²rigid Screw clamp terminals 2 cable(s) 1…2.5 mm²rigid
Tightening Torque	1.7 N.m - with screwdriver flat Ø 6 mm 1.7 N.m - with screwdriver Philips No 2 1.7 N.m - with screwdriver pozidriv No 2
Height	48 mm
Width	44 mm
Depth	39 mm

Environment

Environmental Characteristic	Harsh environment
Ip Degree Of Protection	IP2X conforming to IEC 60529
Protective Treatment	TH conforming to IEC 60068
Ambient Air Temperature For Storage	-25…70 °C
Ambient Air Temperature For Operation	-25…70 °C

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	4.0 cm
Package 1 Width	4.8 cm
Package 1 Length	5.2 cm
Package 1 Weight	63.0 g
Unit Type Of Package 2	BB1
Number Of Units In Package 2	10
Package 2 Height	5.0 cm
Package 2 Width	8.5 cm
Package 2 Length	26.0 cm
Package 2 Weight	637.0 g
Unit Type Of Package 3	S02
Number Of Units In Package 3	80
Package 3 Height	15.0 cm
Package 3 Width	30.0 cm
Package 3 Length	40.0 cm
Package 3 Weight	5.52 kg

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >

Transparency RoHS/REACh

Well-being performance

Reach Free Of Svhc	
Toxic Heavy Metal Free	
Mercury Free	
Rohs Exemption Information	Yes

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant EU RoHS Declaration
China Rohs Regulation	China RoHS declaration Pro-active China RoHS declaration (out of China RoHS legal scope)
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	No need of specific recycling operations