Product data sheet

Specifications

TeSys Deca, auxiliary contact block, 3 NO and 1 NC, top mount, screw clamp terminals, for LC1D09 to LC1D150 contactors

LADN31

Product availability: Stock - Normally stocked in distribution facility

Price*: 49.80 USD

Main

Range	TeSys TeSys Deca
Product Name	TeSys Deca
Product Or Component Type	Auxiliary contact block
Device Short Name	LADN
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	3 NO + 1 NC
Contacts Operation	Instantaneous
[Ue] Rated Operational Voltage	690 V AC 25...400 Hz
[Ie] Rated Operational Current	6 A at 120 V AC-15 1.04 A at 690 V AC-15 0.55 A at 125 V DC-13 0.1 A at 600 V DC-13
[Ui] Rated Insulation Voltage	690 V IEC 60947-5-1 600 V UL 600 V CSA
[Ith] Conventional Free Air Thermal Current	10 A (at 140 °F (60 °C))
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

Irms Rated Making Capacity	140 A AC conforming to IEC 60947-5-1 250 A DC conforming to IEC 60947-5-1

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

Permissible Short-Time Rating	100 A 140 °F (60 °C) 1 s 120 A 140 °F (60 °C) 500 ms 140 A 140 °F (60 °C) 100 ms
Protection Type	GG fuse 10 A
Mechanical Durability	30 Mcycles
Minimum Switching Current	5 mA
Minimum Switching Voltage	17 V
Non-Overlap Time	1.5 ms on de-energisation no overlap between NC and NO contact 1.5 ms on energisation no overlap between NC and NO contact
Insulation Resistance	> 10 MOhm
Connections - Terminals	screw clamp terminals 1 0.00…0.01 in² (1…4 mm²)flexible with cable end screw clamp terminals 1 0.00…0.01 in² (1…4 mm²)flexible without cable end screw clamp terminals 2 0.00…0.00 in² (1…2.5 mm²)flexible with cable end screw clamp terminals 2 0.00…0.01 in² (1…4 mm²)flexible without cable end screw clamp terminals 1 0.00…0.01 in² (1…4 mm²)rigid without cable end screw clamp terminals 2 0.00…0.01 in² (1…4 mm²)rigid without cable end
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	1.89 in (48 mm)
Width	1.73 in (44 mm)
Depth	1.65 in (42 mm)
Net Weight	0.11 lb(US) (0.05 kg)
Color	Dark grey

Environment

Environmental Characteristic	Normal environment
Ip Degree Of Protection	IP2X conforming to IEC 60529
Protective Treatment	TH IEC 60068
Ambient Air Temperature For Storage	-76…176 °F (-60…80 °C)
Ambient Air Temperature For Operation	23…140 °F (-5…60 °C)
Operating Altitude	9842.52 ft (3000 m)

Ordering and shipping details

Category	US10I1222341
Discount Schedule	0I12
Gtin	3389110384178
Returnability	Yes
Country Of Origin	FR

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	1.89 in (4.800 cm)
Package 1 Width	1.65 in (4.200 cm)
Package 1 Length	1.97 in (5.000 cm)

Package 1 Weight	2.19 oz (62.000 g)
Unit Type Of Package 2	BB1
Number Of Units In Package 2	10
Package 2 Height	1.89 in (4.800 cm)
Package 2 Width	3.39 in (8.600 cm)
Package 2 Length	10.24 in (26.000 cm)
Package 2 Weight	22.15 oz (628.000 g)
Unit Type Of Package 3	S03
Number Of Units In Package 3	160
Package 3 Height	11.81 in (30.000 cm)
Package 3 Width	11.81 in (30.000 cm)
Package 3 Length	15.75 in (40.000 cm)
Package 3 Weight	22.81 lb(US) (10.345 kg)

Contractual warranty

Warranty	18 months

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 >

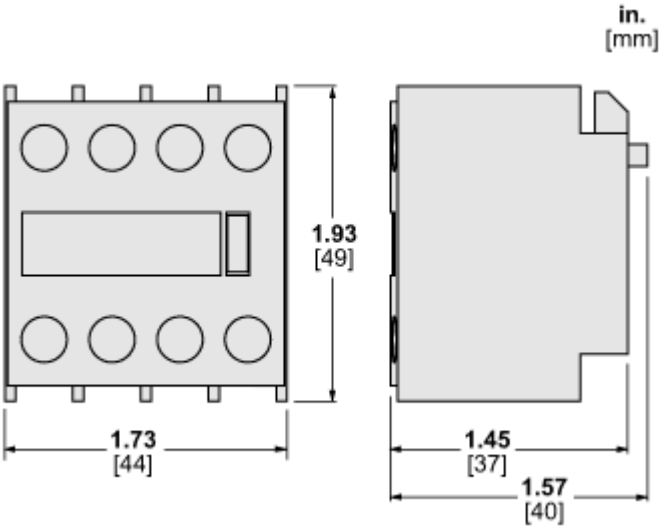
Transparency RoHS/REACh

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

Dimensions Drawings

Approximate Dimensions