

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

### Main

Mani		
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 25400 Hz	
[le] 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 GB/T 14048.5 EN 50012 UL 60947-5-1 CSA C22.2 No 60947-5-1 IEC 60335-1:Clause 30.2 IEC 60335-2-40:Annex JJ UL 60335-2-40:Annex JJ	
Product Certifications	CB Scheme 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.

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 0.0020.006 in² (14 mm²)flexible with cable end	
	screw clamp terminals 1 0.0020.006 in² (14 mm²)flexible without cable end	
	screw clamp terminals 2 0.0020.004 in² (12.5 mm²)flexible with cable end	
	screw clamp terminals 2 0.0020.006 in² (14 mm²)flexible without cable end	
	screw clamp terminals 1 0.0020.006 in² (14 mm²)rigid without cable end	
	screw clamp terminals 2 0.0020.006 in <sup>2</sup> (14 mm <sup>2</sup> )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	1.9 in (48 mm)	
Width	1.7 in (44 mm)	
Depth	1.7 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	-76176 °F (-6080 °C)
Ambient air temperature for operation	23140 °F (-560 °C)
Operating altitude	9842.52 ft (3000 m)

# Ordering and shipping details

Category	US10I1222341
Discount Schedule	0112
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	2.187 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	22.152 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	22.807 lb(US) (10.345 kg)

# **Contractual warranty**

Warranty 18 months



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	
Carbon footprint (kg CO2 eq, Total Life cycle)	5
Environmental Disclosure	Product Environmental Profile

### **Use Better**

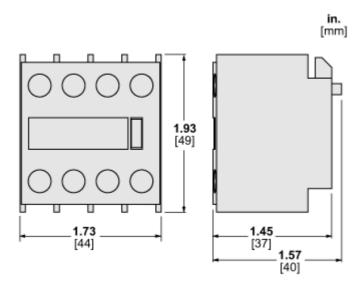
Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Compliant
REACh Regulation	REACh Declaration

### **Use Again**

○ Repack and remanufacture	
Circularity Profile	No need of specific recycling operations
Take-back	No
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

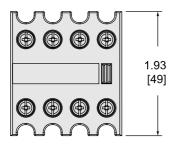
**Dimensions Drawings** 

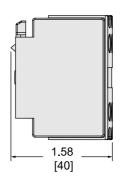
## **Approximate Dimensions**

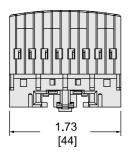


**Technical Illustration** 

#### **Dimensions**







in. [mm]