

# 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**

### 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 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.

<b>Permissible short-time rating</b>	100 A 140 °F (60 °C) 1 s 120 A 140 °F (60 °C) 500 ms 140 A 140 °F (60 °C) 100 ms
<b>Protection type</b>	GG fuse 10 A
<b>Mechanical durability</b>	30 Mcycles
<b>Minimum switching current</b>	5 mA
<b>Minimum switching voltage</b>	17 V
<b>Non-overlap time</b>	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
<b>Insulation resistance</b>	> 10 MOhm
<b>Connections - terminals</b>	screw clamp terminals 1 0.002...0.006 in <sup>2</sup> (1...4 mm <sup>2</sup> )flexible with cable end screw clamp terminals 1 0.002...0.006 in <sup>2</sup> (1...4 mm <sup>2</sup> )flexible without cable end screw clamp terminals 2 0.002...0.004 in <sup>2</sup> (1...2.5 mm <sup>2</sup> )flexible with cable end screw clamp terminals 2 0.002...0.006 in <sup>2</sup> (1...4 mm <sup>2</sup> )flexible without cable end screw clamp terminals 1 0.002...0.006 in <sup>2</sup> (1...4 mm <sup>2</sup> )rigid without cable end screw clamp terminals 2 0.002...0.006 in <sup>2</sup> (1...4 mm <sup>2</sup> )rigid without cable end
<b>Tightening torque</b>	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
<b>Height</b>	1.9 in (48 mm)
<b>Width</b>	1.7 in (44 mm)
<b>Depth</b>	1.7 in (42 mm)
<b>Net Weight</b>	0.11 lb(US) (0.05 kg)
<b>color</b>	Dark grey

## Environment

<b>Environmental characteristic</b>	Normal environment
<b>IP degree of protection</b>	IP2X conforming to IEC 60529
<b>Protective treatment</b>	TH IEC 60068
<b>Ambient Air Temperature for Storage</b>	-76...176 °F (-60...80 °C)
<b>Ambient Air Temperature for Operation</b>	23...140 °F (-5...60 °C)
<b>Operating altitude</b>	9842.52 ft (3000 m)

## Ordering and shipping details

<b>Category</b>	US10I1222341
<b>Discount Schedule</b>	0112
<b>GTIN</b>	3389110384178
<b>Returnability</b>	Yes
<b>Country of origin</b>	FR

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	1.89 in (4.800 cm)
<b>Package 1 Width</b>	1.65 in (4.200 cm)
<b>Package 1 Length</b>	1.97 in (5.000 cm)

<b>Package 1 Weight</b>	2.187 oz (62.000 g)
<b>Unit Type of Package 2</b>	BB1
<b>Number of Units in Package 2</b>	10
<b>Package 2 Height</b>	1.89 in (4.800 cm)
<b>Package 2 Width</b>	3.39 in (8.600 cm)
<b>Package 2 Length</b>	10.24 in (26.000 cm)
<b>Package 2 Weight</b>	22.152 oz (628.000 g)
<b>Unit Type of Package 3</b>	S03
<b>Number of Units in Package 3</b>	160
<b>Package 3 Height</b>	11.81 in (30.000 cm)
<b>Package 3 Width</b>	11.81 in (30.000 cm)
<b>Package 3 Length</b>	15.75 in (40.000 cm)
<b>Package 3 Weight</b>	22.807 lb(US) (10.345 kg)

## Contractual warranty

<b>Warranty</b>	18 months
-----------------	-----------



## 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

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

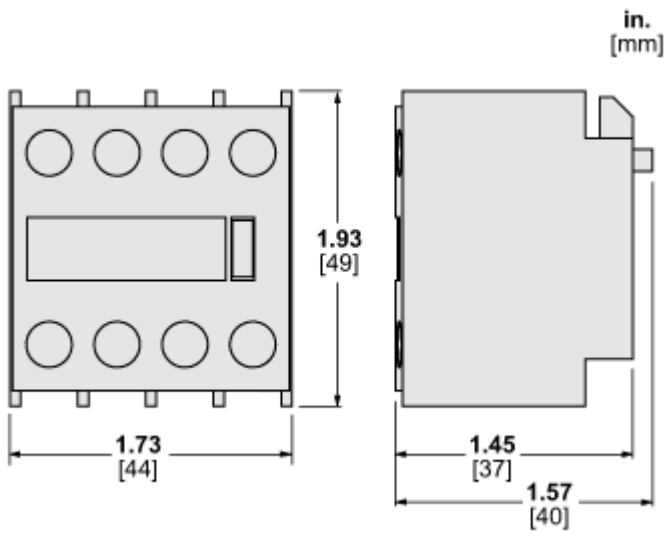
Take-back No

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

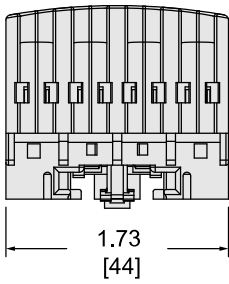
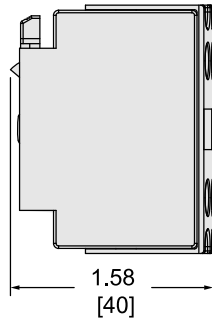
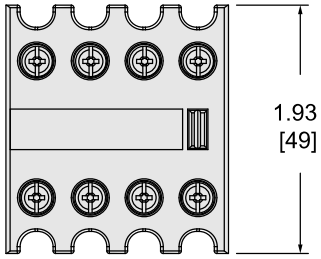
---



Technical Illustration

Dimensions

---



in.  
[mm]