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Product data sheet
Characteristics

LADN31
TeSys D, auxiliary contact block, 3 NO and 1 NC, top mount, screw clamp terminals, for LC1D09 to LC1D150 contactors



Main

Range	TeSys
Range of product	TeSys D
Device short name	LADN
Product or component type	Auxiliary contact block
Range compatibility	TeSys D CAD TeSys D LC1D TeSys F LC1F TeSys F CR1F
Mounting location	Front
Pole contact composition	3 NO + 1 NC
Contacts operation	Instantaneous
[Ue] rated operational voltage	690 V AC 25...400 Hz
[Ui] rated insulation voltage	690 V conforming to IEC 60947-5-1 600 V - certifications CSA 600 V - certifications UL
[Ith] conventional free air thermal current	10 A 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	IECEE CB Scheme UL CSA CCC EAC

Complementary

Irms rated making capacity	140 A AC conforming to IEC 60947-5-1 250 A DC conforming to IEC 60947-5-1
Permissible short-time rating	100 A 60 °C 1 s 120 A 60 °C 500 ms 140 A 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…0.00 in² (1…2.5 mm²)flexible with cable end Screw clamp terminals 1 0.00…0.00 in² (1…2.5 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…0.00 in² (1…2.5 mm²)flexible without cable end Screw clamp terminals 1 0.00…0.00 in² (1…2.5 mm²)solid Screw clamp terminals 2 0.00…0.00 in² (1…2.5 mm²)solid
Tightening torque	1.7 N.M - with screwdriver flat Ø 6 mm 1.7 N.m - with screwdriver Philips No 2
Height	1.89 in (48 mm)
Maximum Width	1.73 in (44 mm)

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein.
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Depth	1.65 in (42 mm)
Net Weight	0.11 lb(US) (0.05 kg)

Environment

Environmental characteristic	Normal environment
IP degree of protection	IP20 conforming to IEC 60529
Protective treatment	TH conforming to 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	3000 m

Ordering and shipping details

Category	22341 - CONTACTOR,D,K,&F ACCESS
Discount Schedule	I12
GTIN	00785901213710
Nbr. of units in pkg.	1
Package weight(Lbs)	0.14 lb(US) (0.06 kg)
Returnability	Yes
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	1.65 in (4.2 cm)
Package 1 width	1.89 in (4.8 cm)
Package 1 Length	1.97 in (5 cm)
Unit Type of Package 2	BB1
Number of Units in Package 2	10
Package 2 Weight	22.22 oz (630 g)
Package 2 Height	1.89 in (4.8 cm)
Package 2 width	3.39 in (8.6 cm)
Package 2 Length	10.24 in (26 cm)
Unit Type of Package 3	S03
Number of Units in Package 3	160
Package 3 Weight	23.30 lb(US) (10.567 kg)
Package 3 Height	11.81 in (30 cm)
Package 3 width	11.81 in (30 cm)
Package 3 Length	15.75 in (40 cm)

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
REACh free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration
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.

Contractual warranty

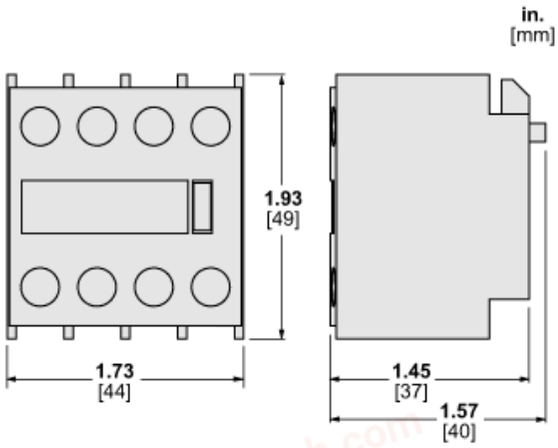
Warranty	18 months

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Dimensions Drawings

Approximate Dimensions



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