

Product data sheet

Characteristics

LADN20

TeSys Deca, auxiliary contact block, 2 NO, top mount, screw clamp terminals, for LC1D09 to LC1D150 contactors



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[RETURN]TeSys D LC1D[RETURN]TeSys F LC1F[RETURN]TeSys F CR1F[RETURN]TeSys Deca CAD[RETURN]TeSys Deca LC1D
Mounting Location	Front
Pole contact composition	2 NO
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	UL 60947-5-1 CSA C22.2 No 60947-5-1 GB/T 14048.5 EN 50012
Product Certifications	CB[RETURN]UL[RETURN]CSA[RETURN]CCC[RETURN]PSE[RETURN]VDE

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 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 0.002...0.006 in ² (1...4 mm ²)flexible with cable end Screw clamp terminals 1 0.002...0.006 in ² (1...4 mm ²)flexible without cable end Screw clamp terminals 2 0.002...0.004 in ² (1...2.5 mm ²)flexible with cable end Screw clamp terminals 2 0.002...0.006 in ² (1...4 mm ²)flexible without cable end Screw clamp terminals 1 0.002...0.006 in ² (1...4 mm ²)rigid without cable end Screw clamp terminals 2 0.002...0.006 in ² (1...4 mm ²)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	1.02 in (26 mm)
Depth	1.7 in (42 mm)
Color	Dark grey

Environment

Environmental characteristic	Normal environment
IP degree of protection	IP20 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	3389110383881
Returnability	Yes
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.102 in (2.800 cm)
Package 1 Width	1.654 in (4.200 cm)
Package 1 Length	2.047 in (5.200 cm)
Package 1 Weight	1.199 oz (34.000 g)
Unit Type of Package 2	BB1
Number of Units in Package 2	10
Package 2 Height	1.102 in (2.800 cm)
Package 2 Width	3.386 in (8.600 cm)
Package 2 Length	10.079 in (25.600 cm)
Package 2 Weight	12.063 oz (342.000 g)
Unit Type of Package 3	S03
Number of Units in Package 3	320
Package 3 Height	11.811 in (30.000 cm)
Package 3 Width	11.811 in (30.000 cm)
Package 3 Length	15.748 in (40.000 cm)
Package 3 Weight	25.247 lb(US) (11.452 kg)

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
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	No need of specific recycling operations
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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