



## Contactor LADN31

URL: <https://www.sxplc.com/contactor-ladn31>

### Product data sheet

MainRange	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
[I <sub>th</sub> ] 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	I <sub>rms</sub> 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
	Insulation resistance	> 10 MOhm
	Connections - terminals	Screw clamp terminals 1 0.002...0.006 in <sup>2</sup> (1...4 mm <sup>2</sup> ) flat with cable end

	<p>screw clamp terminals 1 0.002...0.006 in<sup>2</sup> (1...4 mm<sup>2</sup>)fle</p> <p>without cable end</p> <p>screw clamp terminals 2 0.002...0.004 in<sup>2</sup> (1...2.5 mm<sup>2</sup>)</p> <p>with cable end</p> <p>screw clamp terminals 2 0.002...0.006 in<sup>2</sup> (1...4 mm<sup>2</sup>)fle</p> <p>without cable end</p> <p>screw clamp terminals 1 0.002...0.006 in<sup>2</sup> (1...4 mm<sup>2</sup>)rig</p> <p>without cable end</p> <p>screw clamp terminals 2 0.002...0.006 in<sup>2</sup> (1...4 mm<sup>2</sup>)rig</p> <p>without cable end</p>
Tightening torque	<p>15.05 lbf.in (1.7 N.m) flat Ø 6 mm</p> <p>15.05 lbf.in (1.7 N.m) Philips No 2</p> <p>15.05 lbf.in (1.7 N.m) pozidriv No 2</p>
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

