

# Product data sheet

Specifications



## Auxiliary contact block, TeSys Deca, 2NO, side mounting, screw clamp terminals

LAD8N20

### Main

Range	TeSys
Product Name	TeSys Deca
Product Or Component Type	Auxiliary contact block
Range Compatibility	TeSys Deca LC1D09...95 AC coil TeSys Deca LC1D40A...80A AC Coil TeSys Deca LC1D115/150 TeSys Deca CAD AC coil TeSys F LC1F
Mounting Location	Side
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 conforming to IEC 60947-5-1 600 V conforming to UL 600 V conforming to CSA
[Ith] Conventional Free Air Thermal Current	10 A (at 60 °C)
Standards	EN/IEC 60947-5-1 UL 60947-5-1 CSA C22.2 No 60947-5-1 EN 50012
Product Certifications	CB 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
Permissible Short-Time Rating	100 A 1 s 120 A 500 ms 140 A 100 ms
Protection Type	GG fuse 10 A
Mechanical Durability	30 Mcycles
Minimum Switching Current	5 mA
Minimum Switching Voltage	17 V

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

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 cable(s) 1...4 mm²flexible with cable end Screw clamp terminals 1 cable(s) 1...4 mm²flexible without cable end Screw clamp terminals 2 cable(s) 1...2.5 mm²flexible with cable end Screw clamp terminals 2 cable(s) 1...4 mm²flexible without cable end Screw clamp terminals 1 cable(s) 1...4 mm²rigid without cable end Screw clamp terminals 2 cable(s) 1...4 mm²rigid without cable end
Tightening Torque	1.7 N.m - with screwdriver flat Ø 6 mm 1.7 N.m - with screwdriver Philips No 2 1.7 N.m - with screwdriver pozidriv No 2
Height	76 mm
Width	12.5 mm
Depth	76 mm

## 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	-60...80 °C
Ambient Air Temperature For Operation	-5...60 °C
Operating Altitude	3000 m

## Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	2.802 cm
Package 1 Width	7.313 cm
Package 1 Length	7.861 cm
Package 1 Weight	61.2 g
Unit Type Of Package 2	S02
Number Of Units In Package 2	60
Package 2 Height	15.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	4.5 kg
Unit Type Of Package 3	P06
Number Of Units In Package 3	960
Package 3 Height	75 cm
Package 3 Width	60 cm
Package 3 Length	80 cm
Package 3 Weight	80 kg

## Sustainability

**Green Premium™** label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



Transparency   RoHS/REACH

## Well-being performance

✓	Reach Free Of Svhc	
✓	Toxic Heavy Metal Free	
✓	Mercury Free	
✓	Rohs Exemption Information	Yes

## Certifications & Standards

Reach Regulation	<a href="#">REACH Declaration</a>
Eu Rohs Directive	Compliant <a href="#">EU RoHS Declaration</a>
China Rohs Regulation	<a href="#">China RoHS declaration</a> Pro-active China RoHS declaration (out of China RoHS legal scope)
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	No need of specific recycling operations
California Proposition 65	WARNING: This product can expose you to chemicals including: Antimony oxide & Antimony trioxide, which is known to the State of California to cause cancer. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>