# **Product datasheet**

Specification





## Auxiliary contact block, TeSys Deca, 3NO + 1NC, front mounting, screw clamp terminals

LADN31

#### Main

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Range	TeSys
ū	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
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[Ue] Rated Operational Voltage	690 V AC 25400 Hz
[le] 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
[Oi] Nated insulation voltage	600 V conforming to UL
	600 V conforming to CSA
	000 V comorning 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
	GB/T 14048.5
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 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 cable(s) 14 mm²flexible with cable end Screw clamp terminals 1 cable(s) 14 mm²flexible without cable end Screw clamp terminals 2 cable(s) 12.5 mm²flexible with cable end Screw clamp terminals 2 cable(s) 14 mm²flexible without cable end Screw clamp terminals 1 cable(s) 14 mm²rigid without cable end Screw clamp terminals 2 cable(s) 14 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	48 mm
Width	44 mm
Depth	42 mm
Net Weight	0.05 kg
Colour	Dark grey

### **Environment**

Environmental Characteristic	Normal environment
Ip Degree Of Protection	IP2X conforming to IEC 60529
Protective Treatment	TH conforming to IEC 60068
Ambient Air Temperature For Storage	-6080 °C
Ambient Air Temperature For Operation	-560 °C
Operating Altitude	3000 m

# **Packing Units**

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	4.800 cm
Package 1 Width	4.200 cm
Package 1 Length	5.000 cm
Package 1 Weight	62.000 g
Unit Type Of Package 2	BB1
Number Of Units In Package 2	10
Package 2 Height	4.800 cm
Package 2 Width	8.600 cm
Package 2 Length	26.000 cm
Package 2 Weight	628.000 g
Unit Type Of Package 3	S03
Number Of Units In Package 3	160
Package 3 Height	30.000 cm
Package 3 Width	30.000 cm

Package 3 Length	40.000 cm
Package 3 Weight	10.345 kg

## Sustainability Screen Premium\*

**Green Premium**<sup>TM</sup> **label** is Schneider Electric's commitment to delivering products with best-inclass 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

<b>⊘</b>	Reach Free Of Svhc	
<b>⊘</b>	Toxic Heavy Metal Free	
<b>⊘</b>	Mercury Free	
<b>⊘</b>	Rohs Exemption Information	Yes

### **Certifications & Standards**

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant EU RoHS Declaration
China Rohs Regulation	China RoHS declaration  Pro-active China RoHS declaration (out of China RoHS legal scope)
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
Circularity Profile	No need of specific recycling operations