

# Product data sheet

Specifications



## Auxiliary contact block, TeSys Deca, 1NC, front mounting, screw clamp terminals

LADN01

### Main

<b>Range</b>	TeSys TeSys Deca
<b>Product name</b>	TeSys Deca
<b>Product or component type</b>	Auxiliary contact block
<b>Device short name</b>	LADN
<b>Range compatibility</b>	TeSys Deca LC1D80/95 3P TeSys Deca LC1D80 4P TeSys Deca LC1D40008 TeSys Deca LC1D65008 TeSys F LC1F TeSys Deca LC1D115
<b>Mounting location</b>	Front
<b>Pole contact composition</b>	1 NC
<b>Contacts operation</b>	Instantaneous
<b>[Ue] rated operational voltage</b>	690 V AC 25...400 Hz
<b>[Ie] rated operational current</b>	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
<b>[Ui] rated insulation voltage</b>	690 V conforming to IEC 60947-5-1 600 V conforming to UL 600 V conforming to CSA
<b>[Ith] conventional free air thermal current</b>	10 A (at 60 °C)
<b>Standards</b>	EN/IEC 60947-5-1 UL 60947-5-1 CSA C22.2 No 60947-5-1 GB/T 14048.5
<b>Product certifications</b>	CB UL CSA CCC EAC UKCA

### Complementary

<b>Irms rated making capacity</b>	140 A AC conforming to IEC 60947-5-1 250 A DC conforming to IEC 60947-5-1
<b>Permissible short-time rating</b>	100 A 1 s 120 A 500 ms 140 A 100 ms
<b>Protection type</b>	GG fuse 10 A

<b>Mechanical durability</b>	30 Mcycles
<b>Minimum switching current</b>	5 mA
<b>Minimum switching voltage</b>	17 V
<b>Non-overlap time</b>	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
<b>Insulation resistance</b>	> 10 MOhm
<b>Connections - terminals</b>	Screw clamp terminals 1 cable(s) 1...4 mm <sup>2</sup> flexible with cable end Screw clamp terminals 1 cable(s) 1...4 mm <sup>2</sup> flexible without cable end Screw clamp terminals 2 cable(s) 1...2.5 mm <sup>2</sup> flexible with cable end Screw clamp terminals 2 cable(s) 1...4 mm <sup>2</sup> flexible without cable end Screw clamp terminals 1 cable(s) 1...4 mm <sup>2</sup> rigid without cable end Screw clamp terminals 2 cable(s) 1...4 mm <sup>2</sup> rigid without cable end
<b>Tightening torque</b>	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
<b>Height</b>	48 mm
<b>Width</b>	13 mm
<b>Depth</b>	35 mm
<b>Net weight</b>	0.02 kg
<b>Colour</b>	Dark grey

## Environment

<b>Environmental characteristic</b>	Normal environment
<b>IP degree of protection</b>	IP20 conforming to IEC 60529
<b>Protective treatment</b>	TH conforming to IEC 60068
<b>Ambient air temperature for storage</b>	-60...80 °C
<b>Ambient air temperature for operation</b>	-5...60 °C
<b>Operating altitude</b>	3000 m

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	5.1 cm
<b>Package 1 Width</b>	4.2 cm
<b>Package 1 Length</b>	2.7 cm
<b>Package 1 Weight</b>	20.0 g
<b>Unit Type of Package 2</b>	S01
<b>Number of Units in Package 2</b>	84
<b>Package 2 Height</b>	15.0 cm
<b>Package 2 Width</b>	15.0 cm
<b>Package 2 Length</b>	40.0 cm
<b>Package 2 Weight</b>	1.772 kg

## Offer Sustainability

<b>Sustainable offer status</b>	Green Premium product
<b>REACH Regulation</b>	<a href="#">REACH Declaration</a>
<b>REACH free of SVHC</b>	Yes

<b>EU RoHS Directive</b>	Compliant <a href="#">EU RoHS Declaration</a>
<b>Toxic heavy metal free</b>	Yes
<b>Mercury free</b>	Yes
<b>China RoHS Regulation</b>	<a href="#">China RoHS declaration</a> Pro-active China RoHS declaration (out of China RoHS legal scope)
<b>RoHS exemption information</b>	<a href="#">Yes</a>
<b>Environmental Disclosure</b>	<a href="#">Product Environmental Profile</a>
<b>WEEE</b>	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

**Recommended replacement(s)**