

# Product data sheet

Specifications



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

LADN20

### 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 D CAD TeSys D LC1D TeSys F LC1F TeSys F CR1F TeSys Deca CAD TeSys Deca LC1D
<b>Mounting location</b>	Front
<b>Pole contact composition</b>	2 NO
<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>	UL 60947-5-1 CSA C22.2 No 60947-5-1 GB/T 14048.5 EN 50012
<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 60 °C 1 s 120 A 60 °C 500 ms 140 A 60 °C 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>	26 mm
<b>Depth</b>	42 mm
<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>	2.800 cm
<b>Package 1 Width</b>	4.200 cm
<b>Package 1 Length</b>	5.200 cm
<b>Package 1 Weight</b>	34.000 g
<b>Unit Type of Package 2</b>	BB1
<b>Number of Units in Package 2</b>	10
<b>Package 2 Height</b>	2.800 cm
<b>Package 2 Width</b>	8.600 cm
<b>Package 2 Length</b>	25.600 cm
<b>Package 2 Weight</b>	342.000 g
<b>Unit Type of Package 3</b>	S03
<b>Number of Units in Package 3</b>	320
<b>Package 3 Height</b>	30.000 cm
<b>Package 3 Width</b>	30.000 cm
<b>Package 3 Length</b>	40.000 cm

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Package 3 Weight 11.452 kg

## Offer Sustainability

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Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	<a href="#">China RoHS declaration</a> Pro-active China RoHS declaration (out of China RoHS legal scope)
RoHS exemption information	<a href="#">Yes</a>
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

## Recommended replacement(s)