

# Product datasheet

## Characteristics

# LADN40

TeSys D - auxiliary contact block - 4 NO - screw clamp terminals



### Main

Range of product	TeSys F TeSys D control relay TeSys D
Range	TeSys
Product or component type	Auxiliary contact block
Auxiliary contacts operation	Instantaneous
Pole contact composition	4 NO
Connections - terminals	Screw clamp terminals 1 cable(s) 1...2.5 mm <sup>2</sup> flexible with cable end Screw clamp terminals 1 cable(s) 1...2.5 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...2.5 mm <sup>2</sup> flexible without cable end Screw clamp terminals 1 cable(s) 1...2.5 mm <sup>2</sup> solid with cable end Screw clamp terminals 1 cable(s) 1...2.5 mm <sup>2</sup> solid without cable end Screw clamp terminals 2 cable(s) 1...2.5 mm <sup>2</sup> solid with cable end Screw clamp terminals 2 cable(s) 1...2.5 mm <sup>2</sup> solid without cable end

### Complementary

Mounting location	Front
[Ui] rated insulation voltage	600 V - certifications UL 690 V conforming to IEC 60947-5-1 600 V - certifications CSA
[Ue] rated operational voltage	690 V AC 25...400 Hz
[Ith] conventional free air thermal current	10 A (at 60 °C)
Irms rated making capacity	140 A at <= 690 V AC conforming to IEC 60947-5-1 250 A at <= 690 V 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 rating according to operational current for Ue <= 690 V
Associated fuse rating	10 A gG conforming to IEC 60947-5-1

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
Overlap time	1.5 ms
Insulation resistance	> 10 MOhm
Net weight	0.05 kg

## Environment

Environmental characteristic	Normal environment
Standards	NF C 63-140 BS 4794 VDE 0660 IEC 60947-5-1 EN 60947-5-1
Product certifications	CSA UL
IP degree of protection	IP2x conforming to VDE 0106
Protective treatment	TH conforming to IEC 60068
Ambient air temperature for operation	-5...60 °C
Ambient air temperature for storage	-60...80 °C
Operating altitude	3000 m without

## Offer Sustainability

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
RoHS exemption information	<a href="#">Yes</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>
Circularity Profile	No need of specific recycling operations
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

## Contractual warranty

Warranty	18 months
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