

Product datasheet

Specifications



Auxiliary contact block, TeSys Deca, 2NO+2NC, front mounting, spring terminals, EN 50012

LADN223G

Main

Range	TeSys TeSys Deca
Product name	TeSys Deca
Product or component type	Auxiliary contact block
Device short name	LADN
Range compatibility	TeSys Deca LC1D09...D80 TeSys Deca LC1DT20...DT40 TeSys Deca LC1DT60A...DT80A
Mounting location	Front
Pole contact composition	2 NO + 2 NC
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 60947-5-1 600 V conforming to CSA C22.2 No 60947-5-1
[Ith] conventional free air thermal current	10 A (at 60 °C)
Standards	EN/IEC 60947-5-1 GB/T 14048.5 EN 50012 UL 60947-5-1 CSA C22.2 No 60947-5-1 IEC 60335-1:Clause 30.2 IEC 60335-2-40:Annex JJ UL 60335-2-40:Annex JJ
Product certifications	CB Scheme 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

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

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	Spring terminals 2 cable(s) 2.5 mm ² flexible without cable end Spring terminals 2 cable(s) 2.5 mm ² rigid
Height	48 mm
Width	44 mm
Depth	42 mm
Colour	Dark grey

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	4.400 cm
Package 1 Width	5.000 cm
Package 1 Length	5.400 cm
Package 1 Weight	66.000 g

Contractual warranty

Warranty (in months)	18
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)



Environmental footprint

Total lifecycle Carbon footprint	4 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Carbon footprint of the manufacturing phase [A1 to A3]	0.4 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.1 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	3 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0.2 kg CO2 eq.

Use Better



Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Compliant
REACH Regulation	REACH Declaration

Use Longer




Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

Recyclability potential, in %	39
End of life manual availability	No need of specific recycling operations
Take-back	No
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins