Product data sheet

Specifications

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

LADN20

Main

Range	TeSys 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	2 NO
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 600 V conforming to CSA
[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
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) 1…4 mm²flexible with cable end Screw clamp terminals 1 cable(s) 1…4 mm²flexible without cable end Screw clamp terminals 2 cable(s) 1…2.5 mm²flexible with cable end Screw clamp terminals 2 cable(s) 1…4 mm²flexible without cable end Screw clamp terminals 1 cable(s) 1…4 mm²rigid without cable end Screw clamp terminals 2 cable(s) 1…4 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	26 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	5.000 cm
Package 1 Width	2.800 cm
Package 1 Length	4.300 cm
Package 1 Weight	34.000 g
Unit Type of Package 2	S03
Number of Units in Package 2	320
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	11.413 kg
Unit Type of Package 3	P06
Number of Units in Package 3	2560
Package 3 Height	75.000 cm

Package 3 Width	60.000 cm
Package 3 Length	80.000 cm
Package 3 Weight	98.500 kg

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**
Environmental Disclosure	**Product Environmental Profile**

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 Again

Repack and remanufacture

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**