Product datasheet

Specifications



LADN22 Auxiliary contact block, TeSys D, 2NO + 2NC, front mounting, screw terminals. As the best selling line of contactors in the world, TeSys D offers multi-standard solutions, high reliability with long mechanical and electrical durability for different sizes, along with the most complete accessories in the industry.

LADN22

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 + 2 NC	
Contacts operation	Instantaneous	
[Ue] rated operational voltage	690 V AC 25400 Hz	
[le] 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	

Excluding VAT, FCA Jabal Ali & are subject to change – check with your local distributor.

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) 14 mm ² flexible with cable end	
	Screw clamp terminals 1 cable(s) 14 mm²flexible without cable end	
	Screw clamp terminals 2 cable(s) 12.5 mm²flexible with cable end	
	Screw clamp terminals 2 cable(s) 14 mm²flexible without cable end	
	Screw clamp terminals 1 cable(s) 14 mm²rigid without cable end Screw clamp terminals 2 cable(s) 14 mm²rigid without cable end	
	Sciew clamp terminals 2 cable(s) 14 min rigid 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 screwdri <mark>ver</mark> pozidriv No 2	
Height	48 mm	
Width	44 mm	
Depth	42 mm	
Net weight	0.05 kg	
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	-6080 °C	
Ambient air temperature for operation	-560 °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	5.000 cm
Package 1 Length	4.400 cm

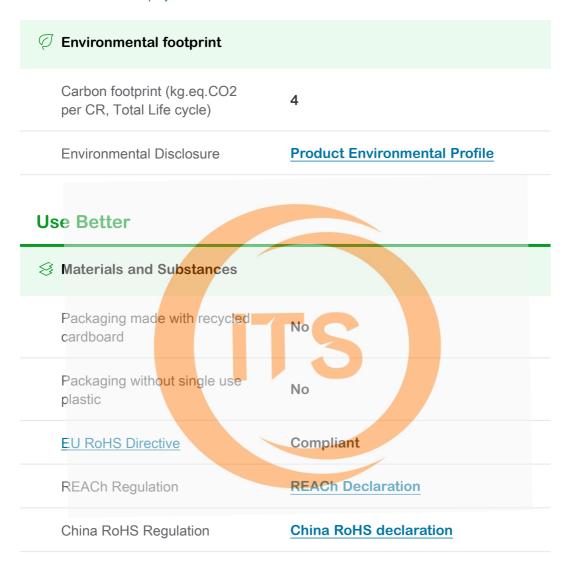
Package 1 Weight	62.000 g
Unit Type of Package 2	S03
Number of Units in Package 2	160
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	10.470 kg
Unit Type of Package 3	P06
Number of Units in Package 3	1280
Package 3 Height	75.000 cm
Package 3 Width	60.000 cm
Package 3 Length	80.000 cm
Package 3 Weight	91.760 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.

How this information helps you >



Use Again

○ Repack and remanufacture	
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

Take-back

No



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