Product datasheet

Specification





Auxiliary contact block, TeSys D, 2NO + 2NC, front mounting, screw clamp terminals, EN 50012

LADN22P

Main

Mani		
Range	TeSys TeSys Deca	
Product name	TeSys Deca	
Product or component type	Auxiliary contact block	
Device short name	LADN	
Range compatibility	TeSys D LC1D80004D115004 TeSys F LC1F TeSys F CR1F TeSys Deca LC1D80004D115004	
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 60947-5-1 600 V conforming to CSA C22.2 No 60947-5-1	
[lth] conventional free air thermal 10 A (at 60 °C) current		
Standards	EN/IEC 60947-5-1 GB/T 14048.5 EN 50012 EN/IEC 60947-5-1	
Product certifications	IECEE 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 1s 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	urrent 5 mA	

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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) 12.5 mm²flexible with cable end	
	Screw clamp terminals 1 cable(s) 12.5 mm²flexible without cable end	
	Screw clamp terminals 2 cable(s) 12.5 mm²flexible with cable end	
	Screw clamp terminals 2 cable(s) 12.5 mm²flexible without cable end	
	Screw clamp terminals 1 cable(s) 12.5 mm²rigid	
	Screw clamp terminals 2 cable(s) 12.5 mm²rigid	
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	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	5.0 cm
Package 1 Width	4.2 cm
Package 1 Length	4.8 cm
Package 1 Weight	62.0 g
Unit Type of Package 2	BB1
Number of Units in Package 2	10
Package 2 Height	5.0 cm
Package 2 Width	8.4 cm
Package 2 Length	26.0 cm
Package 2 Weight	640.0 g
Unit Type of Package 3	S03
Number of Units in Package 3	160
Package 3 Height	30.0 cm
Package 3 Width	30.0 cm
Package 3 Length	40.0 cm

Package 3 Weight

10.535 kg



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Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

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Transparency RoHS/REACh

Well-being performance

⊘	Reach Free Of Svhc	
Ø	Toxic Heavy Metal Free	
⊘	Mercury Free	
⊘	Rohs Exemption Information	Yes

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant EU RoHS Declaration
China Rohs Regulation	China RoHS declaration Pro-active China RoHS declaration (out of China RoHS legal scope)
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	No need of specific recycling operations

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