Product datasheet

Specification





Auxiliary contact block, TeSys D, 3NO + 1NC, front mounting, screw clamp terminals

LADN31

Main

IVIAIII	
Range	TeSys
	TeSys Deca
Product Name	T-Ove Deve
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 3 NO + 1 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
	UL 60947-5-1
	CSA C22.2 No 60947-5-1
	GB/T 14048.5
Product Certifications	CB
	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 Mcvcles

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

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 mm²flexible 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 mm²figid without cable end Screw clamp terminals 2 cable(s) 14 mm²figid 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	44 mm	
Depth	42 mm	
Net Weight	ight 0.05 kg	
olour Dark grey		

Environment

Environmental Characteristic	Normal environment	
Ip Degree Of Protection	IP2X 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	4.800 cm
Package 1 Width	4.200 cm
Package 1 Length	5.000 cm
Package 1 Weight	62.000 g
Unit Type Of Package 2	BB1
Number Of Units In Package 2	10
Package 2 Height	4.800 cm
Package 2 Width	8.600 cm
Package 2 Length	26.000 cm
Package 2 Weight	628.000 g
Unit Type Of Package 3	S03
Number Of Units In Package 3	160
Package 3 Height	30.000 cm
Package 3 Width	30.000 cm

Package 3 Length	40.000 cm
Package 3 Weight	10.345 kg

Sustainability Green Premium*

Green PremiumTM **label** is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

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

Learn more about Green Premium >

Guide to assess a product's sustainability >





Transparency RoHS/REACh

Well-being performance

⊘	Reach Free Of Svhc	
⊘	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