

LA1DZ31

Auxiliary contact block, TeSys D, 2NO (sealed)
+ 1NO + 1NC, front mounting, screw clamp
terminals



Main

Range	TeSys
Product name	TeSys D
Product or component type	Auxiliary contact block
Device short name	LA1
Range compatibility	TeSys D CAD TeSys D LC1D TeSys F LC1F TeSys F CR1F
Mounting location	Front
Pole contact composition	2 NO (sealed) + 1 NO + 1 NC
Contacts operation	Instantaneous
[Ue] rated operational voltage	125 V AC for protected contact 30 V DC for protected contact 690 V AC for non-protected contact
[Ui] rated insulation voltage	125 V - for protected contact conforming to IEC 60947-5-1 690 V - for non-protected contact conforming to IEC 60947-5-1 600 V - for non-protected contact conforming to UL 60947-5-1 600 V - for non-protected contact conforming to CSA C22.2 No 60947-5-1
[Ith] conventional free air thermal current	0.1 A (at 40 °C) for protected contact 10 A (at 40 °C) for non-protected contact
Standards	EN/IEC 60947-5-1 UL 60947-5-1 CSA C22.2 No 60947-5-1 GB/T 14048.5
Product certifications	IECEE CB Scheme (pending) UL CSA CCC (pending) EAC

Complementary

Protection type	GG fuse 10 A for non-protected contact
Mechanical durability	5 Mcycles
Minimum switching current	1 MA for protected contact 5 mA for non-protected contact
Minimum switching voltage	5 V for protected contact 17 V for non-protected contact
Insulation resistance	> 10 MOhm
Connections - terminals	Screw clamp terminals 1 cable(s) 1...2.5 mm ² flexible with cable end Screw clamp terminals 1 cable(s) 1...2.5 mm ² flexible without cable end Screw clamp terminals 2 cable(s) 1...2.5 mm ² flexible with cable end Screw clamp terminals 2 cable(s) 1...2.5 mm ² flexible without cable end Screw clamp terminals 1 cable(s) 1...2.5 mm ² rigid Screw clamp terminals 2 cable(s) 1...2.5 mm ² rigid
Tightening torque	1.7 N.M - with screwdriver flat Ø 6 mm 1.7 N.m - with screwdriver Philips No 2
Height	48 mm

Width	44 mm
Depth	39 mm






Environment

Environmental characteristic	Harsh environment
IP degree of protection	IP20 conforming to IEC 60529
Protective treatment	TH conforming to IEC 60068
Ambient air temperature for storage	-25...70 °C
Ambient air temperature for operation	-25...70 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	63 g
Package 1 Height	4 cm
Package 1 width	4.8 cm
Package 1 Length	5.2 cm
Unit Type of Package 2	BB1
Number of Units in Package 2	10
Package 2 Weight	635 g
Package 2 Height	5 cm
Package 2 width	8.5 cm
Package 2 Length	26 cm
Unit Type of Package 3	S02
Number of Units in Package 3	80
Package 3 Weight	5.52 kg
Package 3 Height	15 cm
Package 3 width	30 cm
Package 3 Length	40 cm

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Compliant  EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	 Yes
China RoHS Regulation	 China RoHS Declaration
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