Product data sheet
Characteristics

LADN31
TeSys D - auxiliary contact block - 3 NO + 1 NC - screw-clamps terminals



Main

Range of product	TeSys D TeSys D control relay TeSys F
Range	TeSys
Device short name	LADN
Product or component type	Auxiliary contact block
Range compatibility	TeSys D CR1F contactor
Auxiliary contacts operation	Instantaneous
Pole contact composition	3 NO + 1 NC
Connections - terminals	Screw clamp terminals 1 cable 1...2.5 mm² - cable stiffness: flexible - with cable end Screw clamp terminals 1 cable 1...2.5 mm² - cable stiffness: flexible - without cable end Screw clamp terminals 1 cable 1...2.5 mm² - cable stiffness: solid - with cable end Screw clamp terminals 1 cable 1...2.5 mm² - cable stiffness: solid - without cable end Screw clamp terminals 2 cable 1...2.5 mm² - cable stiffness: flexible - with cable end Screw clamp terminals 2 cable 1...2.5 mm² - cable stiffness: flexible - without cable end Screw clamp terminals 2 cable 1...2.5 mm² - cable stiffness: solid - with cable end Screw clamp terminals 2 cable 1...2.5 mm² - cable stiffness: solid - without cable end

Complementary

Mounting location	Front
[Ui] rated insulation voltage	690 V - conforming to IEC 60947-5-1 600 V - certifications CSA 600 V - certifications UL
[Ue] rated operational voltage	690 V AC 25...400 Hz
[Ith] conventional free air thermal current	10 A at <= 60 °C
Irms rated making capacity	140 A at <= 690 V AC conforming to IEC 60947-5-1 250 A at <= 690 V DC conforming to IEC 60947-5-1
Permissible short-time rating	100 A at 60 °C 1 s 120 A at 60 °C 500 ms 140 A at 60 °C 100 ms
Protection type	GG fuse <= 10 A rating according to operational current for Ue <= 690 V

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Associated fuse rating	10 A gG IEC 60947-5-1
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)
Overlap time	1.5 ms
Insulation resistance	> 10 MOhm
Product weight	0.05 kg

Environment

Environmental characteristic	Normal environment
Standards	BS 4794 EN 60947-5-1 IEC 60947-5-1 NF C 63-140 VDE 0660
Product certifications	CSA UL
IP degree of protection	IP2x conforming to VDE 0106
Protective treatment	TH conforming to IEC 60068
Ambient air temperature for operation	-5...60 °C
Ambient air temperature for storage	-60...80 °C
Operating altitude	3000 m without derating in temperature

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0629 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product environmental profile	Available Product environmental
Product end of life instructions	Need no specific recycling operations Product environmental

Contractual warranty

Warranty period	18 months