Product data sheet
Characteristics

LADN13
TeSys D - auxiliary contact block - 1 NO + 3 NC - screw clamp terminals



Main

Range of product	TeSys D TeSys D control relay TeSys F
Product or component type	Auxiliary contact block
Product compatibility	CR1F LC1F TeSys D contactor TeSys D reversing contactor
Pole contact composition	1 NO + 3 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	600 V - certifications UL 690 V - conforming to IEC 60947-5-1 600 V - certifications CSA
[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 -5...60 °C 1 s 120 A at -5...60 °C 500 ms 140 A at -5...60 °C 100 ms
Protection type	GG fuse <= 10 A rating according to operational current for Ue <= 690 V
Associated fuse rating	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

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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