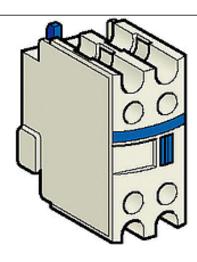
# Product datasheet Characteristics

# LADN20

TeSys D - auxiliary contact block - 2 NO - screw-clamps terminals



#### Main

Range of product	TeSys F	
range of product	TeSys D control relay	
	TeSys D Control relay	
	redys D	
Range	TeSys	
Device short name	LADN	
Product or component type	Auxiliary contact block	
Product compatibility	CR1F	
Range compatibility	TeSys D CR1F contactor	
Auxiliary contacts operation	Instantaneous	
Pole contact composition	2 NO	
Shielding continuity terminal	Without	
Connections - terminals	Screw clamp terminals 2 cable 12.5 mm² - cable stiffness: flexible - with cable end	
	Screw clamp terminals 2 cable 12.5 mm² - cable stiffness: solid - without cable end	
	Screw clamp terminals 2 cable 12.5 mm <sup>2</sup> - cable stiffness: solid - with cable end	
	Screw clamp terminals 1 cable 12.5 mm² - cable stiffness: solid - without cable end	
	Screw clamp terminals 1 cable 12.5 mm <sup>2</sup> - cable stiffness: flexible - with cable end	
	Screw clamp terminals 1 cable 12.5 mm <sup>2</sup> - cable stiffness: solid - with cable end	
	Screw clamp terminals 1 cable 12.5 mm² - cable stiffness: flexible - without cable end	
	Screw clamp terminals 2 cable 12.5 mm² - cable stiffness: flexible - without cable end	

# Complementary

Mounting location	Front	3
[Ui] rated insulation voltage	600 V - certifications CSA 600 V - certifications UL 690 V - conforming to IEC 60947-5-1	
[Ue] rated operational voltage	690 V AC 25400 Hz	
[lth] conventional free air thermal current	10 A at <= 60 °C	
Irms rated making capacity	250 A at <= 690 V DC conforming to IEC 60947-5-1 140 A at <= 690 V AC conforming to IEC 60947-5-1	F
Permissible short-time rating	100 A at -560 °C 1 s 120 A at -560 °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	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

# Environment

Environmental characteristic	Normal environment
Standards	NF C 63-140
	EN 60947-5-1
	BS 4794
	IEC 60947-5-1
	VDE 0660
Specific use	General
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	-560 °C
Ambient air temperature for storage	-6080 °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

