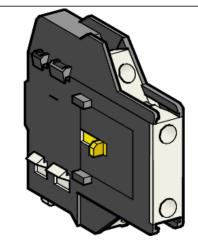
## Product data sheet Characteristics

# LAD8N20

TeSys D - auxiliary contact block - 2 NO - screwclamps terminals



#### Main

Main		suo
Range of product	TeSys D TeSys D control relay	applicati
Range	TeSys	Iser
Product or component type	Auxiliary contact block	
Auxiliary contacts operation	Instantaneous	for sr
Pole contact composition	2 NO	ncts
Connections - terminals	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: flexible - without 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 mm <sup>2</sup> - cable stiffness: solid - without cable end Screw clamp terminals 2 cable 12.5 mm <sup>2</sup> - cable stiffness: flexible - with cable end Screw clamp terminals 2 cable 12.5 mm <sup>2</sup> - cable stiffness: flexible - with cable end Screw clamp terminals 2 cable 12.5 mm <sup>2</sup> - cable stiffness: flexible - with cable end Screw clamp terminals 2 cable 12.5 mm <sup>2</sup> - cable stiffness: solid - with cable end Screw clamp terminals 2 cable 12.5 mm <sup>2</sup> - cable stiffness: solid - with cable end Screw clamp terminals 2 cable 12.5 mm <sup>2</sup> - cable stiffness: solid - with cable end	ability or reliability of these prod

## Complementary

Complementary		
Mounting location	Side	
[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 25400 Hz	
[Ith] conventional free air thermal current	10 A at <= 60 °C	
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 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	
Associated fuse rating	10 A gG IEC 60947-5-1	
Mechanical durability	3 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
Width	12.5 mm

#### 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 0660
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

### Contractual warranty

Warranty period

18 months