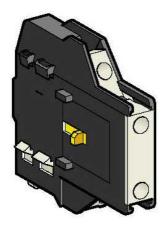
## Product data sheet Characteristics

### LAD8N20

# TeSys D - auxiliary contact block- 2 NO - screw clamp terminals



Main	
Range of product	TeSys D TeSys D control relay
Product or component type	Auxiliary contact block
Auxiliary contacts operation	Instantaneous
Pole contact composition	2 NO
Connections - terminals	Screw clamp terminals 2 cable 12.5 mm² - cable stiffness: solid - without cable end Screw clamp terminals 2 cable 12.5 mm² - cable stiffness: solid - with cable end Screw clamp terminals 2 cable 12.5 mm² - cable stiffness: flexible - without cable end Screw clamp terminals 2 cable 12.5 mm² - cable stiffness: flexible - with cable end Screw clamp terminals 1 cable 12.5 mm² - cable stiffness: solid - without cable end Screw clamp terminals 1 cable 12.5 mm² - cable stiffness: solid - with cable end Screw clamp terminals 1 cable 12.5 mm² - cable stiffness: flexible - without cable end Screw clamp terminals 1 cable 12.5 mm² - cable stiffness: flexible - without cable end Screw clamp terminals 1 cable 12.5 mm² - cable stiffness: flexible - with cable end

#### Complementary

Mounting location	Side
[Ui] rated insulation voltage	600 V - certifications CSA 690 V - conforming to IEC 60947-5-1 600 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	250 A DC conforming to IEC 60947-5-1 140 A AC conforming to IEC 60947-5-1
Permissible short-time rating	140 A at -560 °C 100 ms 120 A at -560 °C 500 ms 100 A at -560 °C 1 s
Protection type	GG fuse <= 10 A rating according to operational current for Ue <= 690 V
Associated fuse rating	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 energisation (no overlap between NC and NO contact) 1.5 ms on de-energisation (no overlap between NC and NO contact)
Overlap time	1.5 ms
Insulation resistance	> 10 MOhm
Width	12.5 mm
Product weight	0.03 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 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

Period	18 months
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