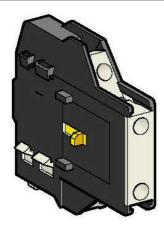
# Product data sheet Characteristics

## LAD8N02

# auxiliary contact block TeSys D - 2 NC - screw clamp terminals



#### Main Range of product TeSys D Product or component Auxiliary contact block Product compatibility TeSys D contactor TeSys D control relays TeSys D reversing contactor Pole contact composition Connections - terminals Screw clamp terminals 1 cable 1...2.5 mm<sup>2</sup> - cable stiffness: flexible - with cable end Screw clamp terminals 1 cable 1...2.5 mm<sup>2</sup> - cable stiffness: flexible - without cable end Screw clamp terminals 1 cable 1...2.5 mm<sup>2</sup> - cable stiffness: solid - with cable end Screw clamp terminals 1 cable 1...2.5 mm<sup>2</sup> - cable stiffness: solid - without cable end Screw clamp terminals 2 cable 1...2.5 mm<sup>2</sup> - cable stiffness: flexible - with cable end Screw clamp terminals 2 cable 1...2.5 mm<sup>2</sup> - cable stiffness: flexible - without cable end

Screw clamp terminals 2 cable 1...2.5 mm<sup>2</sup> - cable

Screw clamp terminals 2 cable 1...2.5 mm<sup>2</sup> - cable

stiffness: solid - with cable end

stiffness: solid - without cable end

### Complementary

Mounting location	Side
[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 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 1 s 120 A 500 ms 140 A 100 ms
Protection type	GG fuse <= 10 A rating according to operational current for Ue <= 690 V
Mechanical durability	3000000 cycles
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
Product weight	0.030 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
RoHS EUR status	Will be Compliant
RoHS EUR conformity date	1Q2011

