

N1ARL502LE060-M (Order no. 087240)

Technical data

Approvals



Electrical connection values

Fuse	max. 8 A gG	
Connection cross section	0.34 ... 1.5 mm ²	
Display module	AC/DC	12 ... 60 ... 60 V LED
Rated insulation voltage U _i	250 V	
Rated impulse voltage U _{imp}	2.5 kV	
Utilization category	DC-13	6 A 24 V
	AC-15	6 A 230 V
	AC-12	8 A 250 V

Switching current	min. at DC 12V 10 mA	
thermal rated current I _{th}	8 A	

Mechanical values and environment

Anfahrsgeschwindigkeit	0.01 ... 20 m/min	
Connection type	2 x	M16 x 1.5
Number NC contacts	1	
Number of switching elements	1	
Number of NO contacts	1	
Design	Housing according to DIN 43693	
Actuating element	Roller plunger	
Actuating force	min. 20 N	
Installation orientation	any	

Storage temperature	-25 ... 80 °C
Mechanical life	30 x 10 ⁶
Contact bounce time	max. 3 ms
Roller diameter	18 mm
Switching principle	Snap-action switching contact
Operating point accuracy	± 0,01 (The reproducible operating point accuracy refers to the axial travel of the plunger after the switching element ES 502 E has been run-in with approx. 2,000 operating cycles.)
Schließzeit	max. 4 ms
Degree of protection	IP67
Ambient temperature	-5 ... 80 °C
Material	
	Contact Silver alloy, gold flashed
	Housing Anodized die-cast alloy