

N1AW502-M (Order no. 087199)

Technical data

Approvals



Electrical connection values

Fuse	max. 8 A gG
Connection cross section	0.34 ... 1.5 mm ²
Rated insulation voltage U_i	250 V
Rated impulse voltage U_{imp}	2.5 kV
Utilization category	
	AC-12 8 A 250 V
	AC-15 6 A 230 V
	DC-13 6 A 24 V
Switching current	
	min. at DC 12V 10 mA
thermal rated current I_{th}	8 A

Mechanical values and environment

Anfahrsgeschwindigkeit	0.01 ... 10 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	Rounded 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

Switching principle Snap-action switching contact

Operating point accuracy $\pm 0,002$

(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 $-5 \dots 80 \text{ }^{\circ}\text{C}$

Material

Housing Anodized die-cast alloy

Contact Silver alloy, gold flashed