

N1AR502SVM5-MC1840 (Order no. 087494)

Technical data

Approvals



Electrical connection values

Fuse	max. 4 A gG
Connection cross section	min. 0.34 mm ²
Rated insulation voltage U _i	50 V
Rated impulse voltage U _{imp}	1.5 kV
Utilization category	
	AC-15 4 A 30 V
	DC-13 4 A 24 V
Switching current	
	min. at DC 12V 10 mA
thermal rated current I _{th}	4 A

Mechanical values and environment

Anfahrsgeschwindigkeit	0.01 ... 80 m/min
Connection type	
	1 x Plug connector M12 (5-pin, angle plug connector: cable outlet adjustable, max. 270°. Default setting for cable outlet downward.)
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	8 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 (only screwed tight with the related mating connector)
Ambient temperature	-5 ... 80 °C
Material	
	Housing Anodized die-cast alloy
	Contact Silver alloy, gold flashed

Miscellaneous

C number	
	C1840