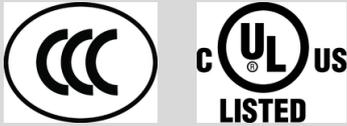


NM12HBA-MC1931 (Order no. 084573)

Technical data

Approvals



Electrical connection values

Fuse	max. 4 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	
	DC-13 4 A 24 V
	AC-15 4 A 230 V

Switching voltage

min. at 10 mA 12 V

Switching current

min. at 24 V 1 mA

thermal rated current I_{th} 4 A

Mechanical values and environment

Anfahrsgeschwindigkeit	max. 60 m/min
Approach direction	A
Connection type	
	3 x M16 x 1.5
Number of door position NO contacts	1
Number of door position positively driven contacts	2
Design	long housing
Actuating element	
Slide bearing plastic	Lever arm (d roller = 12 mm)
Actuation frequency	max. 5000 1/h

Actuating torque	0.05 Nm
Installation orientation	any
Storage temperature	-25 ... 80 °C
Mechanical life	20 x 10 ⁶
Switching principle	Slow-action switching contact
Degree of protection	IP67
Ambient temperature	-20 ... 80 °C

Material

Contact	Silver alloy, gold flashed
Housing	Reinforced thermoplastic

Characteristic values according to EN ISO 13849-1 and EN IEC 62061

	B10 _D	Mission time
Safe position sensing	2x10 ⁷	20 y
	Important! Values valid at DC-13 100 mA/24V	

Miscellaneous

C number
C1931