

NM03VZA-SM8 (Order no. 109503)

Technical data

Approvals



Electrical connection values

Fuse	max. 1 A gG	
Rated insulation voltage U_i	30 V	
Rated impulse voltage U_{imp}	1.5 kV	
Utilization category	AC-15	1 A 24 V
	DC-13	1 A 24 V
Switching voltage	min. at 10 mA 12 V	
Switching current	min. at 24 V 1 mA	
thermal rated current I_{th}	1 A	

Mechanical values and environment

Anfahrsgeschwindigkeit	max. 20 m/min	
Approach direction	A	
Connection type	Plug connector SM8 (8-pin)	
Number of door position positively driven contacts	3	
Extraction force	10 N	
Design	long housing	
Actuation frequency	max. 7000 1/h	
Actuating force	10 N	
Installation orientation	any	
Insertion depth	20 mm	
Storage temperature	-25 ... 70 °C	

Mechanical life	1 x 10 ⁶
Retention force	2 N
Switching principle	Slow-action switching contact
Degree of protection	IP67
Ambient temperature	-20 ... 60 °C
Material	
	Housing Reinforced thermoplastic
	Contact Silver alloy, gold flashed

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

	B10 _D	Mission time
Monitoring of the guard position	4x10 ⁶	20 y
	Important! Values valid at DC-13 100 mA/24V	

In combination with actuator ACTUATOR-M-G

Overtravel	4 mm
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