

**NM03VZA-M/V100 (Order no. 102553)**

## Technical data

### Approvals



### Electrical connection values

Fuse	max. 4 A gG
Connection cross section	0.34 ... 1.5 mm <sup>2</sup>
Rated insulation voltage $U_i$	250 V
Rated impulse voltage $U_{imp}$	2.5 kV
Utilization category	
	AC-15 4 A 230 V
	DC-13 4 A 24 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. 20 m/min
Approach direction	A
Connection type	
	3 x M16 x 1.5
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 ... 80 °C
Mechanical life	1 x 10 <sup>6</sup>
Retention force	2 N
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 <sub>D</sub>	Mission time
Monitoring of the guard position	4x10 <sup>6</sup>	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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