

NZ1RL-511-MC971 (Order no. 089085)

Technical data

Approvals



Electrical connection values

Fuse	max. 6 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-12	10 A 230 V
	DC-13	6 A 24 V
	AC-15	6 A 230 V
Switching current		
	min. at DC 24V	10 mA
thermal rated current I _{th}	6 A	

Mechanical values and environment

Anfahrsgeschwindigkeit	0.1 ... 20 m/min	
Connection type		
	1 x	M20 x 1.5
Number of NO contacts	1	
Number of door position positively driven contacts	1	
Actuating element		
	Slide bearing metal	Extended roller plunger (d roller = 18 mm)
Actuating force	15 ... 30 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
(Contact closing time < 4 Contact bounce time < 3)

Schließzeit max. 4 ms

Degree of protection IP67

Ambient temperature -25 ... 80 °C

Material

Contact Silver alloy, gold flashed

Housing Anodized die-cast alloy

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

C971