

NZ1HS-511-MC2039 (Order no. 097159)

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		
	AC-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 ... 60 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		
	Ball bearing	Lever arm (d roller = 19 mm, length = 32 mm)
Actuating force	min. 15 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	
	Housing Anodized die-cast alloy
	Contact Silver alloy, gold flashed

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	C2039
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Additional feature

(Additional information: DC-13 Ue250V Ie0.2A 10,000 operating cycles or DC12 Ue420V Ie0.15A 10,000 operating cycles, customer-specific test procedure with following load: (at 300V, tested with 6,000 switching operations) 1x contactor ABB GEA 75-10-00 1x contactor Siemens 3RT2024-1BP40 2x contactors Siemens 3RT2015-1BP42)