NZ1HS-511-MC2490 (Order no. 156875)

Technical data

Approvals

Electrical connection values

Fuse		max. 6 A gG
Connection cross section		0.34 … 1.5 mm²
Rated insulation voltage U_i		250 V
Rated impulse voltage U_{imp}		2.5 kV
Utilization category		
	DC-13	6 A 24 V
	AC-12	10 A 230 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

Anfahrgeschwindigkeit		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 = 18 mm, length = 32 mm)
Actuating force		min. 15 N
Installation orientation		any
Storage temperature		-40 … 80 °C
Mechanical life		1 x 10⁶

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	-40 ... 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	
C2490	
Additional feature	
	(Additional information: DC-13 Ue 250V Ie 0.2A, 10,000 operating cycles, or DC-12 Ue 420V Ie 0.15A, 10,000 operating cycles, customer-specific test procedure with following load: (at 300 V, tested with 6,000 switching operations) 1x contactor ABB GEA 75-10-00; 1x contactor Siemens 3RT2024-1BP40, 2x contactors Siemens 3RT2015-1BP42; a) switch-off current with RC elements / varistor: approx. 2 A for 0.5 ms, b) switch-off current without RC elements / varistor: approx. 6 A for 0.5 ms)