



COMPACT LIMIT SWITCHES: AZ-8 SERIES

Features

- · Designed for applications of small mounting space
- Constructed with Metal based and plastic cover
- Wide range of actuators available
- Pre-molded flexible cable gland for fast and simple wiring termination
- Positive Opening of NC contacts
- Improved current carrying capacity to 10A

Definitions of Operating Characteristics

Operating Force RF

PT Pretravel

Releasing Force

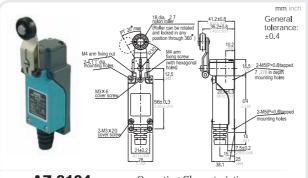
MD Movement Differential OP Operating Position

OT Overtravel

TT Total Travel PO Travel to Positive Opening

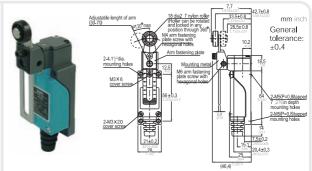
0.05mm-2m/sec
0.05mm-2m/3ec
Mechanical: 120ops/min Electrical: 30 ops/min
>100MΩ@500V DC
$<25m\Omega$ (initial value)
10A/250VAC (EN60947-5-1)
1000VAC for 1 min between current carrying parts 2000VAC for 1 min between non-current carrying parts
Mechanically 1.0×10^7 (operations) Electrically 5×10^5 (operations)
-20 to +60°C (-4 to 140°F)
< 95%RH
IP65

Dimensions Unit: mm

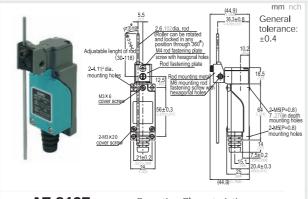


AZ-8104	
Snap Action	
0 1314 21F 22	

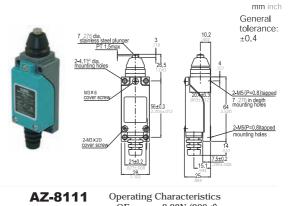
Operating Characteristics OFmax 5.88N (600g) $RF_{min} \\$ 0.49N (50g) PTmax $20^{\rm o}$ OTmin 75° 10° MDmax 95° TT



AZ-8108	Operating Characteristics			
Snap Action	OF _{max}	3.35~7.84N (342~800g) 0.21~0.49N (21~50g)		
13 14 21 22	PT _{max} OT _{min} MD _{max} TT	75° 10° 95°		



		(44.9)(1.768)	
AZ-8107	Operating Characteristics		
	OFmax	1.99~7.84N(203-800gf)	
Snap Action	RFmin	0.12~0.49N	
	PTmax	20°	
1314	OTmin	75°	
!	MDmax	10°	
21 22	TT	95°	



AZ-8111	Operating Characteristics		
	OFmax	8.82N (900gf)	
Snap Action	RFmin	1.47N	
	PTmax	1.5mm	
1314	OTmin	4mm	
!	MDmax	0.7mm	
21 22	TT	5.5mm	





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