Mini Enclosed Limit Switches

FEATURES

- Side mount switches.
- Momentary contacts.
- Wide choice of heads and actuators.
- Sealed actuators.
- Completely sealed structure.
- Plastic sealed construction.
- Temperature range +5 F to +175 F (-15 C to +80 C).

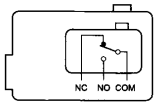
CHARACTERISTICS

Operating speed	0.01mm to 50 cm/sec. (at pin pluger)
Operating frequency	120 operations/min.
Contact resistance Insulation resistance	25m Ωmax. (initial) 100M Ω min.at 500VDC
Dielectric strength	1,000 VAC,50/60 Hz for 1 minute between non-continuous terminals 2,000 VAC , 50/60 Hz for 1minute between current-carrying and non-current carrying parts and between each teminal and ground.
Vibration Shock	Malfunction durability : 10 to 55 Hz 1.5mm double amplitude. Mechanical durability :1,000m/sec2 approx. 100G's) Malfunction durability : 300m/sec2 (approx. 30G's)
Ambient operating temperature	Operating : -10 C to +80 C
Humidity	95% RH max. (at +25 C to +35 C)
Service life	Mechanically : 10,000,000 operations min. (at rated OT value) Electrically : 500,000 operations min.
Degree of protection	IEC :IP65

RATING

10A	250 VAC
0.5A	125 VDC

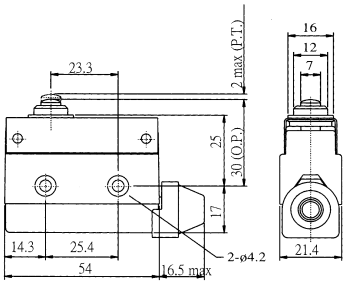
CIRCUITRY



AZ-7100



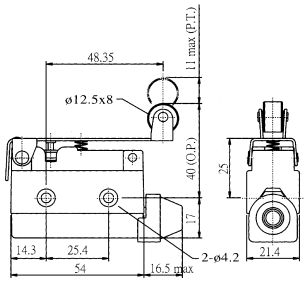
OF MAX	600g
RF MIN	100g
PT MAX	2.0mm
OT MIN	0.8mm
DT MAX	0.8mm
OP	30 ±1.5



AZ-7121



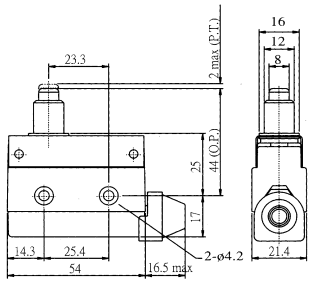
OF MAX	180g
RF MIN	50g
PT MAX	11.0mm
OT MIN	3.0mm
DT MAX	2.4mm
OP	40±1.9



AZ-7110



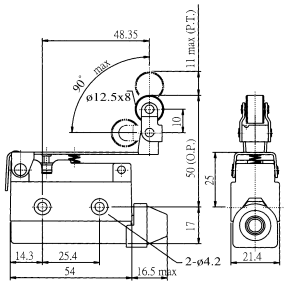
OF MAX	600g
RF MIN	100g
PT MAX	2.0mm
OT MIN	5.0mm
DT MAX	0.8mm
OP	44 ±1.5



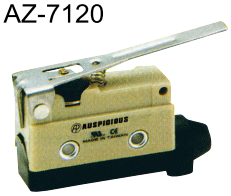
AZ-7124



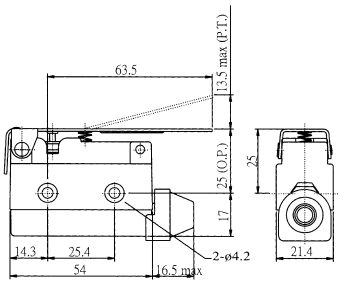
OF MAX	200g
RF MIN	60g
PT MAX	11.0mm
OT MIN	3.0mm
DT MAX	2.4mm
OP	50±1.9



AZ-7120



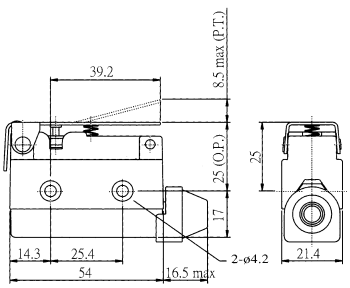
OF MAX	150g
RF MIN	40g
PT MAX	13.5mm
OT MIN	4.0mm
DT MAX	3.2mm
OP	25 ±2.0



AZ-7140



OF MAX	220g
RF MIN	60g
PT MAX	8.5mm
OT MIN	2.5mm
DT MAX	2.0mm
OP	25±1.3

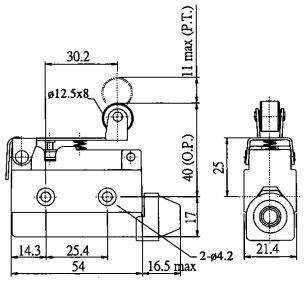


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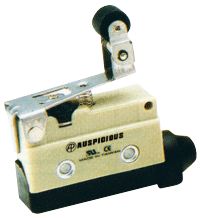
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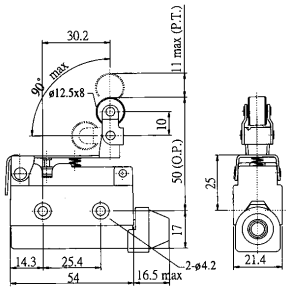
OF MAX	240g
RF MIN	80g
PT MAX	6.5mm
OT MIN	2.0mm
DT MAX	1.5mm
OP	40 ±1.6



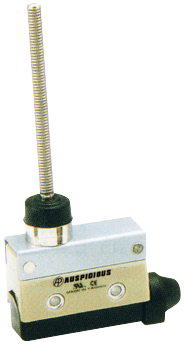
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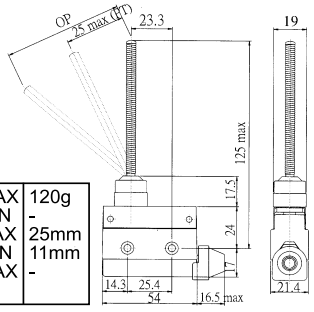
OF MAX	280g
RF MIN	100g
PT MAX	6.5mm
OT MIN	2.0mm
DT MAX	1.5mm
OP	50 ±1.6



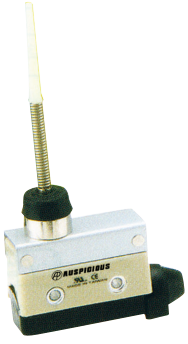
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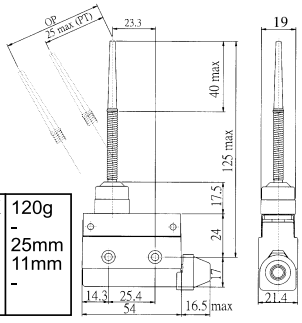
OF MAX	120g
RF MIN	-
PT MAX	25mm
OT MIN	11mm
DT MAX	-
OP	



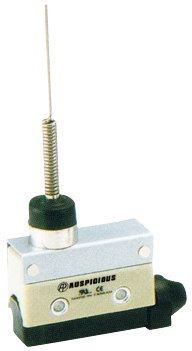
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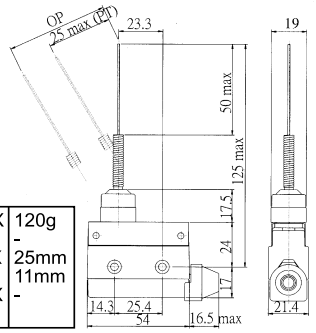
OF MAX	120g
RF MIN	-
PT MAX	25mm
OT MIN	11mm
DT MAX	-
OP	



AZ-7169



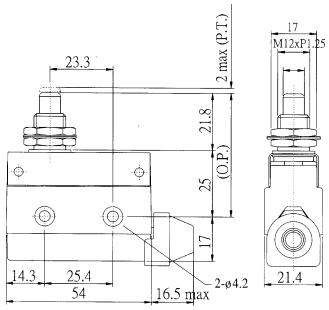
OF MAX	120g
RF MIN	-
PT MAX	25mm
OT MIN	11mm
DT MAX	-
OP	



AZ-7310



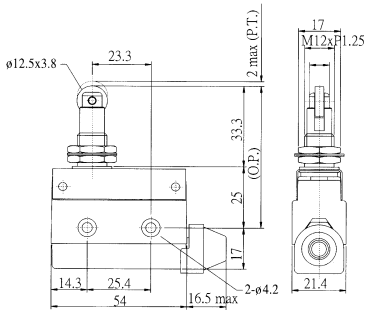
OF MAX	600g
RF MIN	100g
PT MAX	2.0mm
OT MIN	6.0mm
DT MAX	0.8mm
OP	46.8 ±1.5



AZ-7311



OF MAX	600g
RF MIN	100g
PT MAX	2.0mm
OT MIN	6.0mm
DT MAX	0.8mm
OP	58.3 ±1.5



AZ-7312



OF MAX	600g
RF MIN	100g
PT MAX	2.0mm
OT MIN	6.0mm
DT MAX	0.8mm
OP	58.3 ±1.5

