

LIMIT SWITCH

Features

- High precision and metal die-casting body.
- Easy to wire connection construction.
- High mechanical strength.
- Dust-proof construction.



Specifications

Item	Standard
Rating	5A, 125V or 250VAC
Contact Resistance	25mΩ max.(initial)
Insulation Resistance	100MΩ min. (at 500VDC)
Dielectric Strength	1,000VAC,50/60Hz for 1 minute
Service Life Mechanically:	1,000,000 operations min.
Service Life Electrically	100,000 operations min.

Product Selection

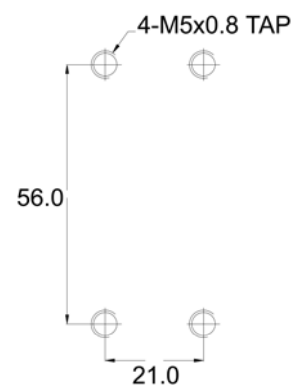
AH ☐

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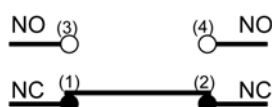
HEAD AND ACTUATOR

- 8111:** Push plunger type
- 8112:** Roller plunger type
- 8122:** Roller plunger type angle 90°
- 8104:** Roller arm type
- 8107:** Rod lever type
- 8108:** Adjustable roller arm type (standard roller)
- 8166:**Thermoplastic end flexible rod type
- 8169:**Cat whisker type
- 9101:**Wobble opening

Mounting Hole



Contact Configuration



HIGHLY

C5

Design, specifications are subject to change without notice.

LIMIT SWITCH

Operating Characteristics

Unit :mm

Item NO.

Dimensions

AH8111



OF max. 900g

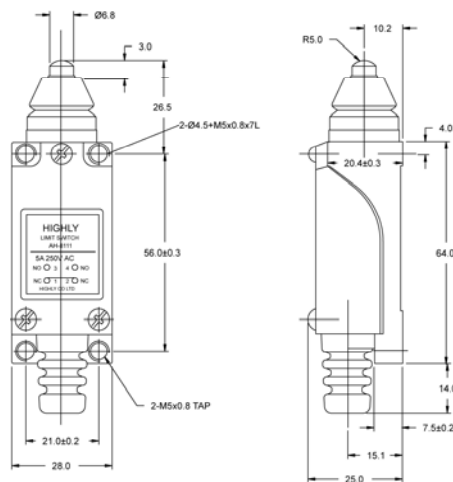
RF min. 150g

PT max. 1.5mm

MD max. 0.7mm

OT min. 4mm

TT min. 5.5mm



AH8112



OF max. 900g

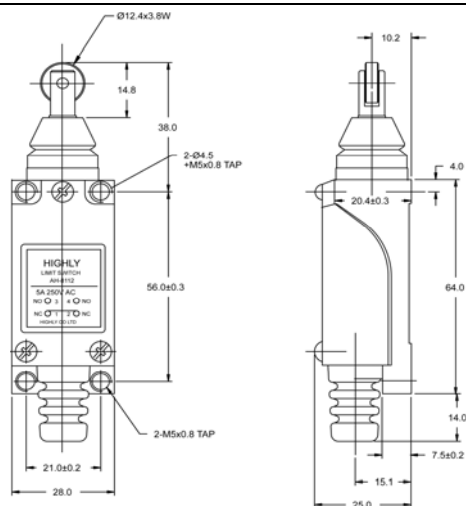
RF min. 150g

PT max. 1.5mm

MD max. 0.7mm

OT min. 4mm

TT min. 5.5mm



AH8122



OF max. 900g

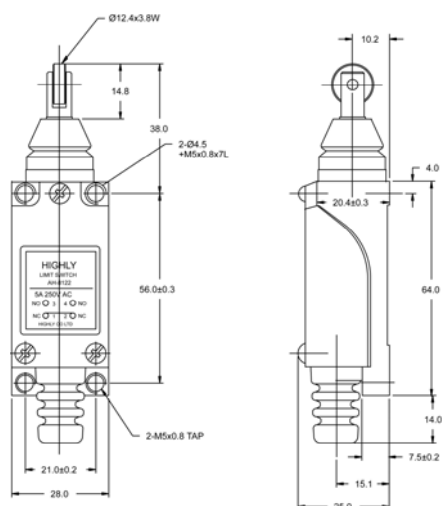
RF min. 150g

PT max. 1.5mm

MD max. 0.7mm

OT min. 4mm

TT min. 5.5mm



LIMIT SWITCH

Operating Characteristics

Unit :mm

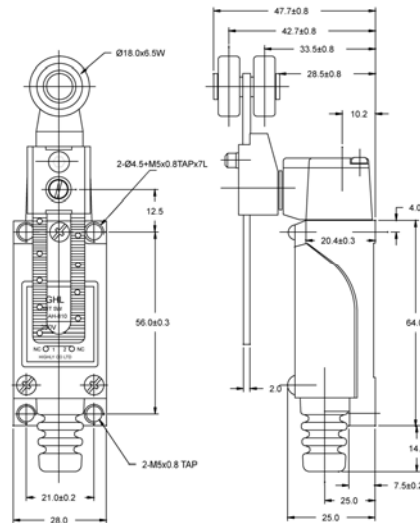
Item NO.

Dimensions

AH8104



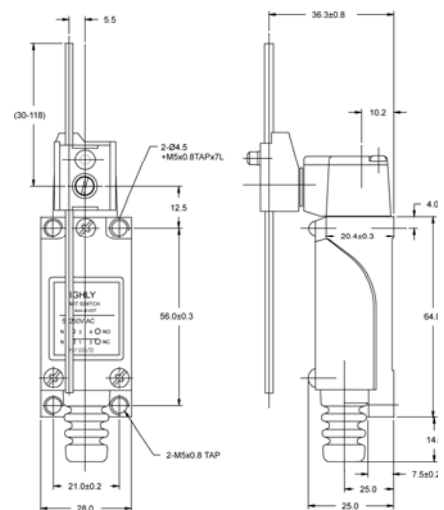
OF max.	600g
RF min.	50g
PT max.	20°
MD max.	10°
OT min.	75°
TT min.	95°



AH8107



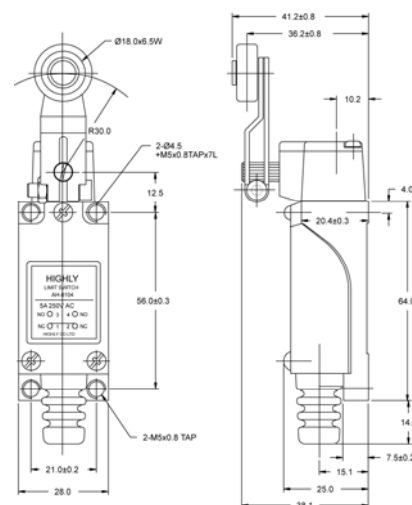
OF	800-230g
RF	50-12g
PT max.	20°
MD max.	10°
OT min.	75°
TT min.	95°



AH8108



OF	800-342g
RF	50-12g
PT max.	20°
MD max.	10°
OT min.	75°
TT min.	95°



LIMIT SWITCH

Operating Characteristics

Unit :mm

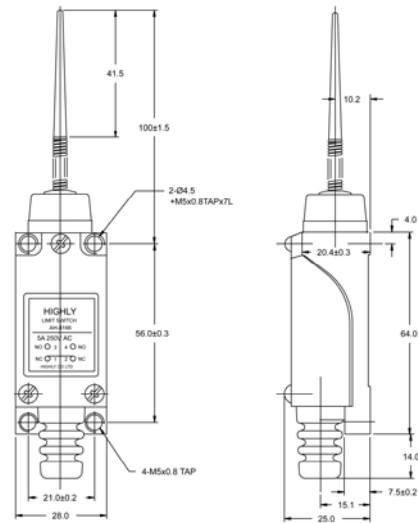
Item NO.

Dimensions

AH-8166



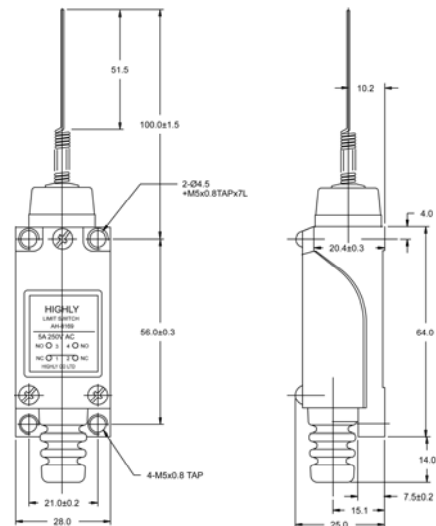
OF max.	900g
RF min.	--
PT max.	30mm
MD max.	--
OT min.	20mm
TT min.	50mm



AH8169



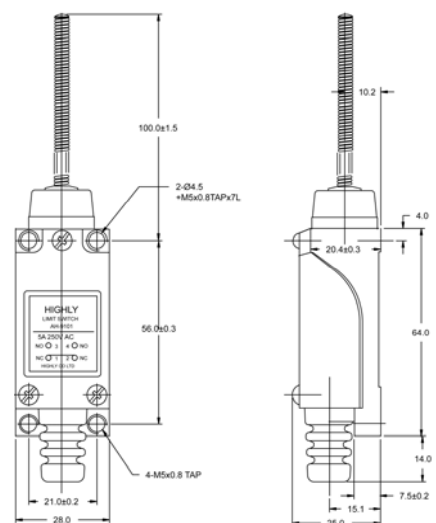
OF max.	900g
RF min.	--
PT max.	30mm
MD max.	--
OT min.	20mm
TT min.	50mm



AH9101



OF max.	900g
RF min.	--
PT max.	30mm
MD max.	--
OT min.	20mm
TT min.	50mm



HIGHLY

C8

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