

# SNAP ACTION SWITCH

## Features

- High precision basic switch in a variety of styles
- Wide margins of operating conditions increase the operating speed range
- Available in general purpose



## Specifications

| Item                  | Standard                                                                                                             |
|-----------------------|----------------------------------------------------------------------------------------------------------------------|
| Rating                | 20(4)A 250VAC (EN 61058-1)<br>15A 125VAC or 250VAC (UL 1054)<br>1/2A 125VDC 1/4A 250VDC<br>1/8HP 125VAC 1/4HP 250VAC |
| Contact Resistance    | 15mΩ max. (initial)                                                                                                  |
| Insulation Resistance | 100MΩ min.( at 500V DC)                                                                                              |
| Dielectric Strength   | Between terminals of same polarity AC 1000V (50/60Hz for 1minute)                                                    |
| Electrically Life     | 100,000 operations min.                                                                                              |
| Mechanically Life     | 1,000,000 operations min.                                                                                            |

## Product Selection

Z15G ☐  
1

### 1.SOLDER ACTUATOR TYPES

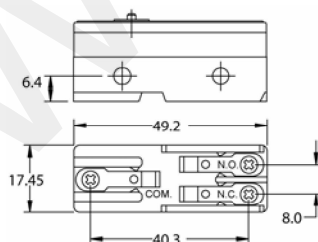
- 1100:Pin plunger
- 1101:Hinge lever
- 1103:Short hinge roller lever
- 1105: Slim spring plunger
- 1106:Short spring plunger
- 1107:Panel mount plunger
- 1108:Panel mount roller plunger
- 1118:Panel mount cross roller plunger
- 1501:Hinge lever
- 1502:Short Hinge lever
- 1503:Hinge roller lever
- 1504:Short hinge roller lever
- 1544:Unidirectional short hinge roller lever

### 2.SCREW ACTUATOR TYPES

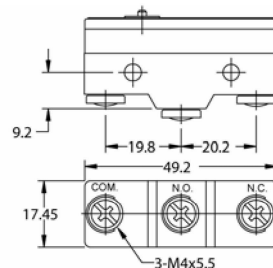
- 1300:Pin plunger
- 1301:Hinge lever
- 1303:Short hinge roller lever
- 1305: Slim spring plunger
- 1306:Short spring plunger
- 1307:Panel mount plunger
- 1308:Panel mount roller plunger
- 1318:Panel mount cross roller plunger
- 1701:Hinge lever
- 1702:Short Hinge lever
- 1703:Hinge roller lever
- 1704:Short hinge roller lever
- 1744:Unidirectional short hinge roller lever

## Terminals

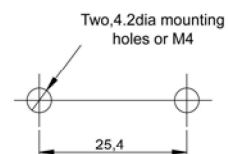
Solder Terminal



Screw Terminal



Mounting Hole



# SNAP ACTION SWITCH

## Operating Characteristics

Unit :mm

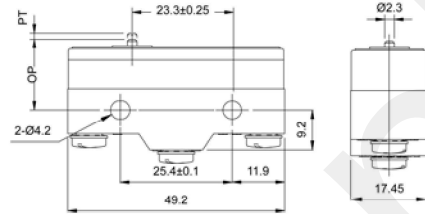
Item NO.

Dimensions

### Z15G1300



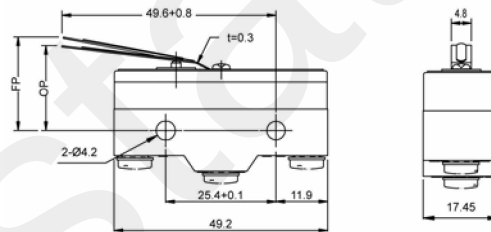
| Terminal | Item No.    |
|----------|-------------|
| Solder   | Z15G1100    |
| Screw    | Z15G1300    |
| OF       | 250—350g    |
| RF min.  | 114g        |
| PT max.  | 0.4 mm      |
| OT min.  | 0.13 mm     |
| MD max.  | 0.05 mm     |
| OP       | 15.9±0.4 mm |



### Z15G1301



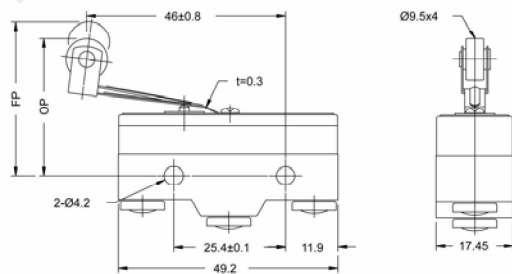
| Terminal | Item No.    |
|----------|-------------|
| Solder   | Z15G1101    |
| Screw    | Z15G1301    |
| OF max.  | 141g        |
| RF min.  | 14g         |
| PT max.  | 4 mm*       |
| OT min.  | 1.6 mm      |
| MD max.  | 1.3 mm      |
| FP max.  | 20.6 mm     |
| OP       | 17.4±0.8 mm |



### Z15G1303



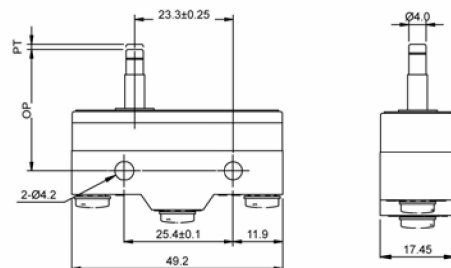
| Terminal | Item No.    |
|----------|-------------|
| Solder   | Z15G1103    |
| Screw    | Z15G1303    |
| OF max.  | 141g        |
| RF min.  | 14g         |
| PT max.  | 4 mm*       |
| OT min.  | 1.6 mm      |
| MD max.  | 1.3 mm      |
| FP max.  | 31.8 mm     |
| OP       | 28.6±0.8 mm |



### Z15G1305



| Terminal | Item No.    |
|----------|-------------|
| Solder   | Z15G1105    |
| Screw    | Z15G1305    |
| OF       | 250—350g    |
| RF min.  | 114g        |
| PT max.  | 0.4 mm      |
| OT min.  | 1.6 mm      |
| MD max.  | 0.05 mm     |
| OP       | 28.2±0.5 mm |



# SNAP ACTION SWITCH

## Operating Characteristics

Unit :mm

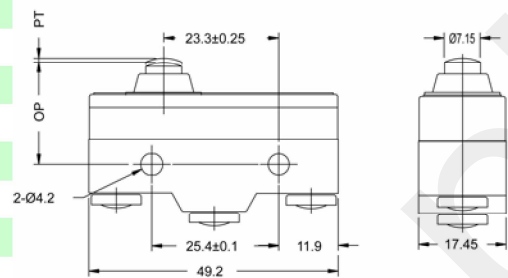
Item NO.

Dimensions

### Z15G1306



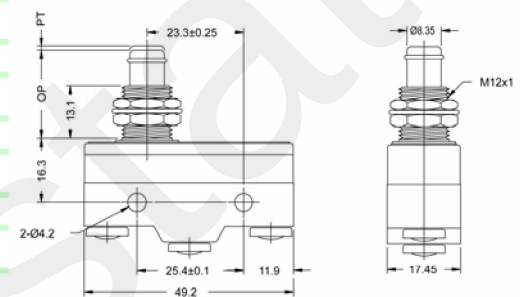
| Terminal | Item No.   |
|----------|------------|
| Solder   | Z15G1106   |
| Screw    | Z15G1306   |
| OF       | 250—350g   |
| RF min.  | 114g       |
| PT max.  | 0.4mm      |
| OT min.  | 1.6mm      |
| MD max.  | 0.05mm     |
| OP       | 21.5±0.5mm |



### Z15G1307



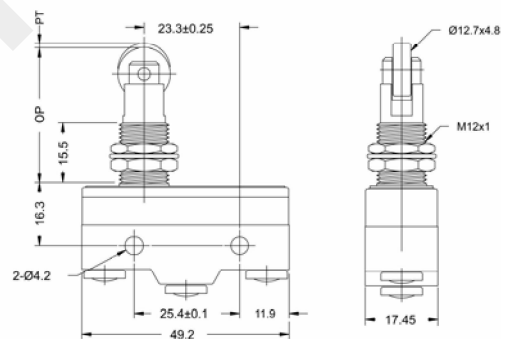
| Terminal | Item No.   |
|----------|------------|
| Solder   | Z15G1107   |
| Screw    | Z15G1307   |
| OF       | 250—350g   |
| RF min.  | 114g       |
| PT max.  | 0.4mm      |
| OT min.  | 5.5mm      |
| MD max.  | 0.05mm     |
| OP       | 21.8±0.8mm |



### Z15G1308



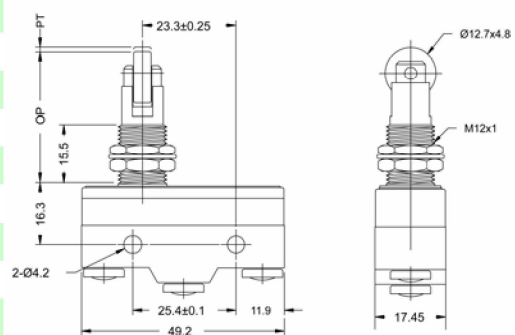
| Terminal | Item No. |
|----------|----------|
| Solder   | Z15G1108 |
| Screw    | Z15G1308 |
| OF       | 250—350g |
| RF min.  | 114g     |
| PT max.  | 0.4mm    |
| OT min.  | 3.58mm   |
| MD max.  | 0.05mm   |
| OP       | 33.4±1mm |



### Z15G1318



| Terminal | Item No. |
|----------|----------|
| Solder   | Z15G1118 |
| Screw    | Z15G1318 |
| OF       | 250—350g |
| RF min.  | 114g     |
| PT max.  | 0.4mm    |
| OT min.  | 3.58mm   |
| MD max.  | 0.05mm   |
| OP       | 33.4±1mm |



# SNAP ACTION SWITCH

## Operating Characteristics

Unit :mm

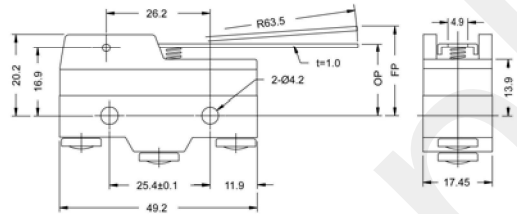
Item NO.

Dimensions

### Z15G1701



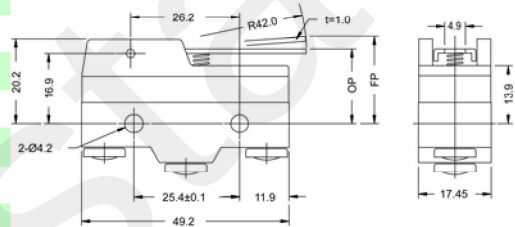
| Terminal | Item No. |
|----------|----------|
| Solder   | Z15G1501 |
| Screw    | Z15G1701 |
| OF max.  | 70g      |
| RF min.  | 14g      |
| PT max.  | 10mm*    |
| OT min.  | 5.6mm    |
| MD max.  | 1.27mm   |
| FP max.  | 28.2mm   |
| OP       | 19±0.8mm |



### Z15G1702



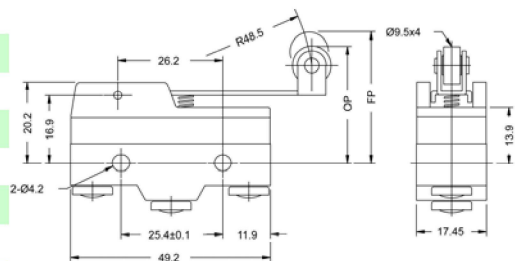
| Terminal | Item No.   |
|----------|------------|
| Solder   | Z15G1502   |
| Screw    | Z15G1702   |
| OF max.  | 90g        |
| RF min.  | 18g        |
| PT max.  | 8mm        |
| OT min.  | 4.2mm      |
| MD max.  | 1mm        |
| FP max.  | 26.2mm     |
| OP       | 19.8±0.8mm |



### Z15G1703



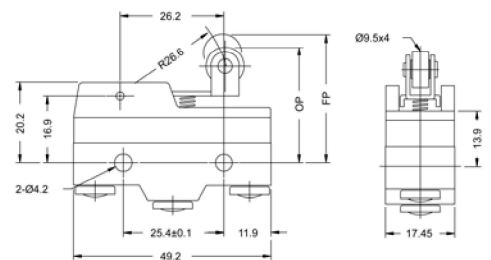
| Terminal | Item No.   |
|----------|------------|
| Solder   | Z15G1503   |
| Screw    | Z15G1703   |
| OF max.  | 100g       |
| RF min.  | 22g        |
| PT max.  | 7.1mm      |
| OT min.  | 4mm        |
| MD max.  | 1.02mm     |
| FP max.  | 32.5mm     |
| OP       | 30.2±0.4mm |



### Z15G1704



| Terminal | Item No.   |
|----------|------------|
| Solder   | Z15G1504   |
| Screw    | Z15G1704   |
| OF max.  | 160g       |
| RF min.  | 42g        |
| PT max.  | 2.7mm      |
| OT min.  | 2.4mm      |
| MD max.  | 0.5mm      |
| FP max.  | 32.5mm     |
| OP       | 30.2±0.4mm |



# SNAP ACTION SWITCH

## Operating Characteristics

Unit :mm\_

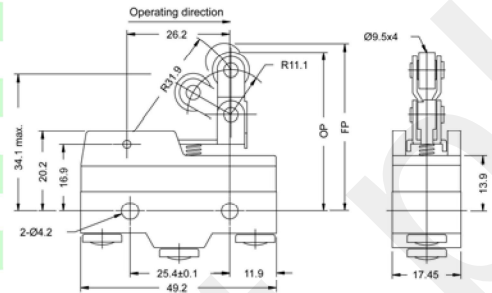
Item NO.

Dimensions

Z15G1744



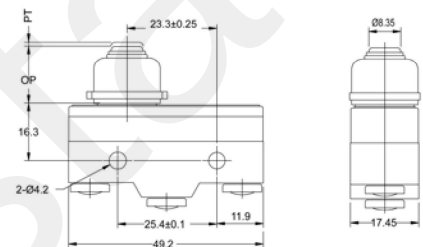
| Terminal | Item No.   |
|----------|------------|
| Solder   | Z15G1544   |
| Screw    | Z15G1744   |
| OF max.  | 170g       |
| RF min.  | 42g        |
| PT max.  | 2.7mm*     |
| OT min.  | 2.4mm      |
| MD max.  | 0.51mm     |
| FP max.  | 43.6mm     |
| OP       | 41.3±0.8mm |



ZP15G1306



| Terminal | Item No.   |
|----------|------------|
| Solder   | ZP15G1106  |
| Screw    | ZP15G1306  |
| OF max.  | 540g       |
| RF min.  | 114g       |
| PT max.  | 2.3mm      |
| OT min.  | 1.6mm      |
| MD max.  | 0.06mm     |
| OP       | 28.2±0.5mm |



## TERMINAL ENCLOSURES AA8000

