

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) 15A 125VAC or 250VAC (UL 1054) 1/2A 125VDC 1/4A 250VDC 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

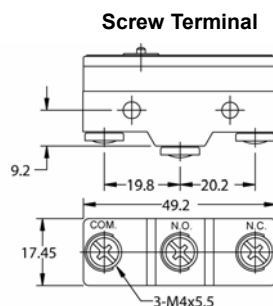
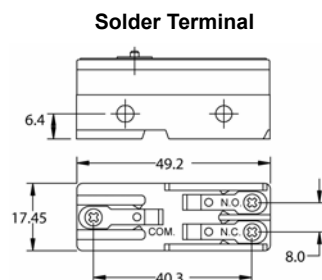
1.SOLDER ACTUATOR TYPES

- 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

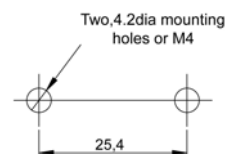
2.SCREW ACTUATOR TYPES

- 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



Mounting Hole



HIGHLY

B5

Design, specifications are subject to change without notice.

SNAP ACTION SWITCH

Operating Characteristics

Unit :mm

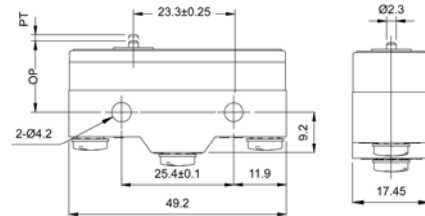
Item NO.

Dimensions

Z15G1300



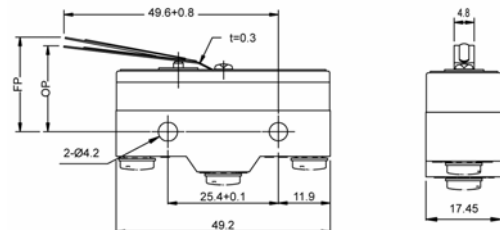
Terminal	Item No.
Solder	Z15G1100
Screw	Z15G1300
OF	250—350g
RF min.	114g
PT max.	0.4 mm
OT min.	0.13 mm
MD max.	0.05 mm
OP	15.9±0.4 mm



Z15G1301



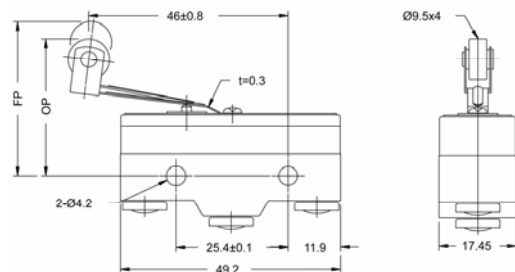
Terminal	Item No.
Solder	Z15G1101
Screw	Z15G1301
OF max.	141g
RF min.	14g
PT max.	4 mm*
OT min.	1.6 mm
MD max.	1.3 mm
FP max.	20.6 mm
OP	17.4±0.8 mm



Z15G1303



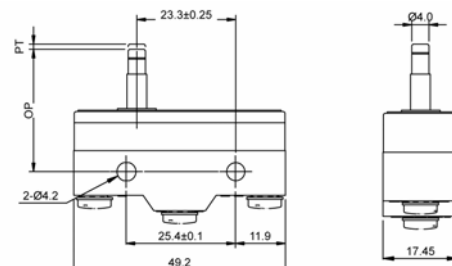
Terminal	Item No.
Solder	Z15G1103
Screw	Z15G1303
OF max.	141g
RF min.	14g
PT max.	4 mm*
OT min.	1.6 mm
MD max.	1.3 mm
FP max.	31.8 mm
OP	28.6±0.8 mm



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



HIGHLY

B6

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Operating Characteristics

Unit :mm

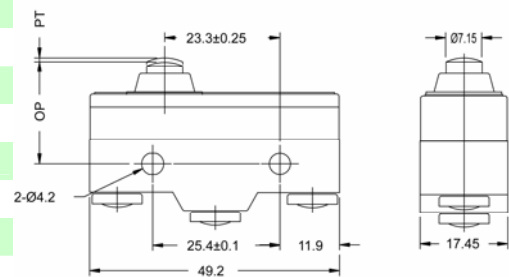
Item NO.

Dimensions

Z15G1306



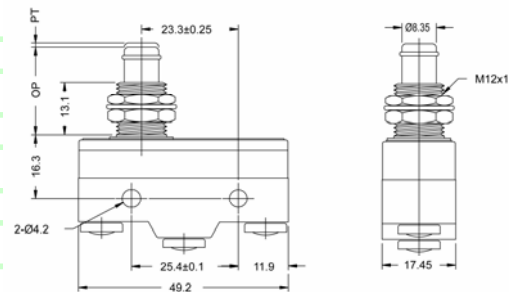
Terminal	Item No.
Solder	Z15G1106
Screw	Z15G1306
OF	250—350g
RF min.	114g
PT max.	0.4mm
OT min.	1.6mm
MD max.	0.05mm
OP	21.5±0.5mm



Z15G1307



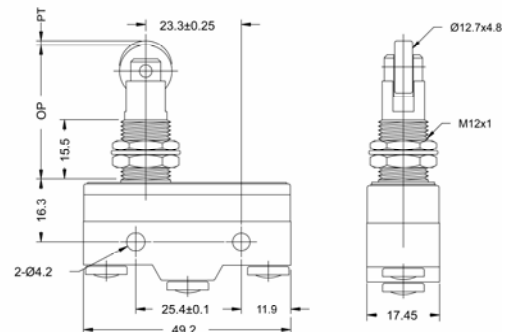
<u>Terminal</u>	Item No.
Solder	Z15G1107
<u>Screw</u>	Z15G1307
OF	250—350g
RF min.	114g
PT max.	0.4mm
OT min.	5.5mm
MD max.	0.05mm
OP	21.8±0.8mm



Z15G1308



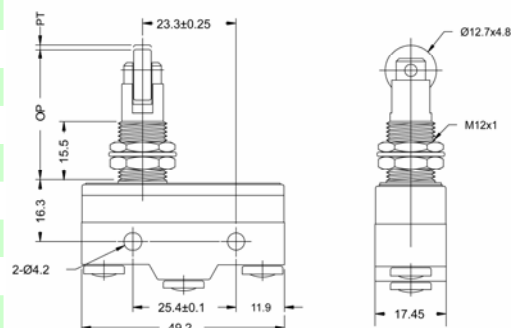
<u>Terminal</u>	Item No.
Solder	Z15G1108
<u>Screw</u>	Z15G1308
OF	250—350g
RF min.	114g
PT max.	0.4mm
OT min.	3.58mm
MD max.	0.05mm
OP	33.4±1mm



Z15G1318



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



HIGHLY

B7

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SNAP ACTION SWITCH

Operating Characteristics

Unit :mm

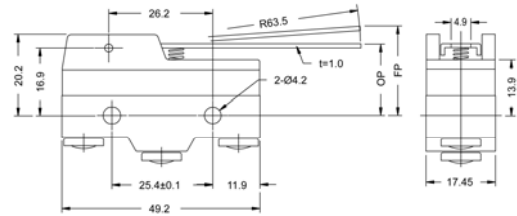
Item NO.

Dimensions

Z15G1701



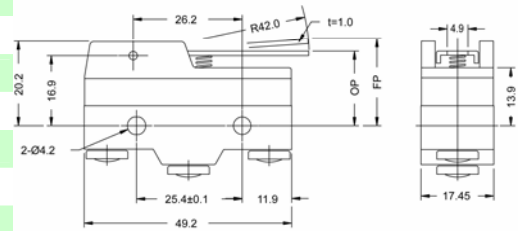
Terminal	Item No.
Solder	Z15G1501
Screw	Z15G1701
OF max.	70g
RF min.	14g
PT max.	10mm*
OT min.	5.6mm
MD max.	1.27mm
FP max.	28.2mm
OP	19±0.8mm



Z15G1702



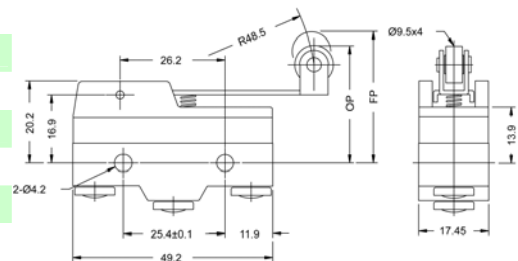
Terminal	Item No.
Solder	Z15G1502
Screw	Z15G1702
OF max.	90g
RF min.	18g
PT max.	8mm
OT min.	4.2mm
MD max.	1mm
	26.2mm
OP	19.8±0.8mm



Z15G1703



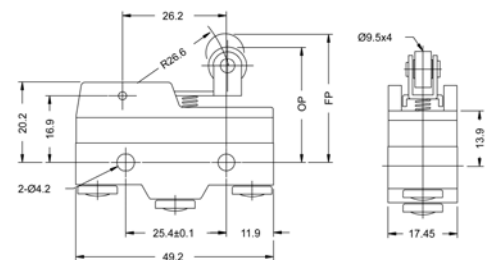
Terminal	Item No.
Solder	Z15G1503
Screw	Z15G1703
OF max.	100g
RF min.	22g
PT max.	7.1mm
OT min.	4mm
MD max.	1.02mm
FP max.	32.5mm
OP	30.2±0.4mm



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



HIGHLY

B8

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SNAP ACTION SWITCH

Operating Characteristics

Unit :mm_

Item NO.

Dimensions

Z15G1744



Terminal **Item No.**

Solder **Z15G1544**

Screw **Z15G1744**

OF max. **170g**

RF min. **42g**

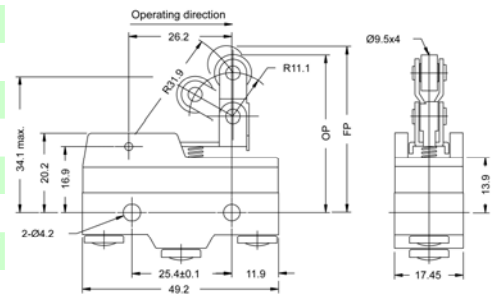
PT max. **2.7mm***

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**

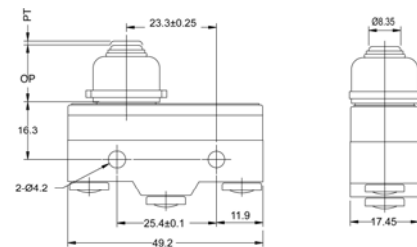
RF min. **114g**

PT max. **2.3mm**

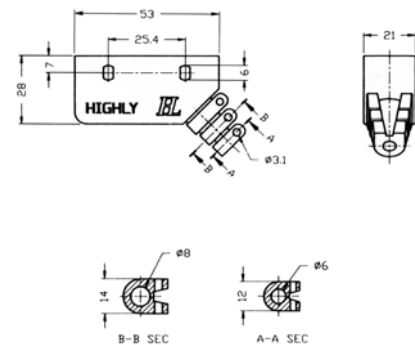
OT min. **1.6mm**

MD max. **0.06mm**

OP **28.2±0.5mm**



TERMINAL ENCLOSURES AA8000



HIGHLY

B9

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