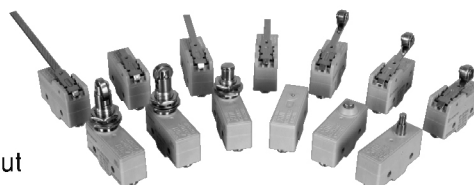


# HY-700 series

## Micro switch

- Certain operation and long life expectancy due to the snap action tool and strong chemical resistance case (phenolic resin)
- Excellent repetitive accuracy and 10A opening / closing capacity
- Standard type, hole gap of installation cutout dimension : 25.4mm, fix with M4 bolt
- 9 types of actuators provide wide usages
- Terminal protective cover (optional)


Control switch  
Combination display light

Power switch  
Main switch  
Cam switch

Limit switch  
Micro switch

Hoist switch  
Foot switch  
Mono lever switch

Sign tower  
Signal light

Buzzer  
Terminal block  
Fuse holder

Control box  
Cable connector

Discontinued Products

## Specification

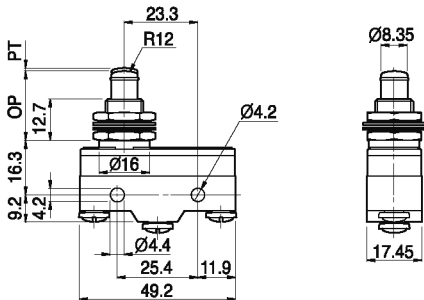
|                           |                                                                                    |                                                                      |
|---------------------------|------------------------------------------------------------------------------------|----------------------------------------------------------------------|
| Contact structure         | M4-5.5 screw tightening, 1c contact                                                |                                                                      |
| Contact material          | AgCdO                                                                              |                                                                      |
| Protective structure      | Standard type                                                                      |                                                                      |
| Rated current(Ie)         | 10 A 250 V a.c                                                                     |                                                                      |
| Dielectric strength       | 2,000 V a.c 50/60 Hz for 1min (between the terminal and non-recharging metal part) |                                                                      |
| Insulation resistance     | Min 100 M $\Omega$ (500 V d.c insulated ohmmeter)                                  |                                                                      |
| Contact resistance        | Max 50 M $\Omega$ (default value)                                                  |                                                                      |
| Rated voltage(Ue)         | 250 V a.c                                                                          |                                                                      |
| Vibration                 | Double amplitude 1.5mm, frequency 10 ~ 55 Hz, continuously 2 hour                  |                                                                      |
| Shock                     | 100 % (durability), 50 % (malfunction)                                             |                                                                      |
| Allowable operation speed | 0.1 % ~ 1 %                                                                        |                                                                      |
| Life expectancy           | Mechanical                                                                         | Min 1 million times (less than open/close frequency 120 times/min)   |
|                           | Electrical                                                                         | Min 300 thousand times (less than open/close frequency 20 times/min) |
| Ambient temperature       | -10 ~ 80 $^{\circ}$ C                                                              |                                                                      |
| Ambient humidity          | 25 ~ 95 % R.H.                                                                     |                                                                      |
| Weight                    | Approx 800g (10 HY-R704B 1 box)                                                    |                                                                      |

## Terminal arrangement

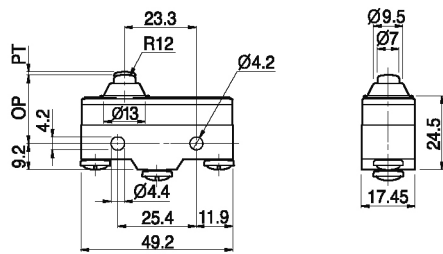
| Appearance        | Connection diagram |
|-------------------|--------------------|
| <p>↓ Actuator</p> |                    |

## Dimension (unit : mm)

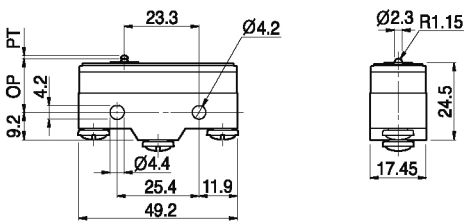
### Panel mounting type

| Appearance                                                                                                       | Dimension                                                                         | Operation characteristic                                                                                                                                   |
|------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>HY-P701A<br/>(Z4G1P05B)</p> |  | <p>O.F max : 3.73 N (380 gf)<br/> R.F min : 1.12 N (114 gf)<br/> P.T max : 1.0 mm<br/> O.T min : 5.2 mm<br/> M.D max : 0.13 mm<br/> O.P : 21.8 ±0.8 mm</p> |

### Spring single push button type

| Appearance                                                                                                        | Dimension                                                                          | Operation characteristic                                                                                                                                   |
|-------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>HY-P701B<br/>(Z4G1P09B)</p> |  | <p>O.F max : 3.73 N (380 gf)<br/> R.F min : 1.12 N (114 gf)<br/> P.T max : 1.0 mm<br/> O.T min : 1.3 mm<br/> M.D max : 0.13 mm<br/> O.P : 21.8 ±0.8 mm</p> |

### Pin push button type

| Appearance                                                                                                         | Dimension                                                                           | Operation characteristic                                                                                                                                    |
|--------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>HY-P701C<br/>(Z4G1P01B)</p> |  | <p>O.F max : 3.73 N (380 gf)<br/> R.F min : 1.12 N (114 gf)<br/> P.T max : 1.0 mm<br/> O.T min : 0.13 mm<br/> M.D max : 0.13 mm<br/> O.P : 16.0 ±0.5 mm</p> |