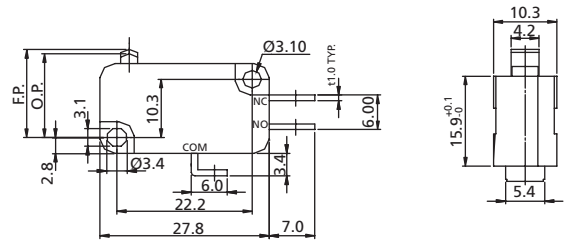
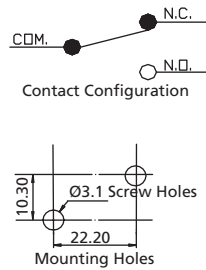


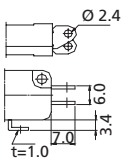
# Micro Switches

Micro Switches up to 10A 125/250VAC

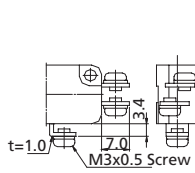
MP3 Series



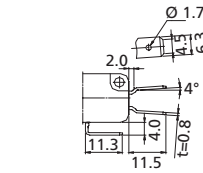
## TERMINAL TYPE



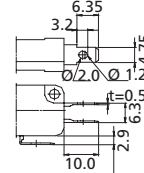
**D** Solder Terminal



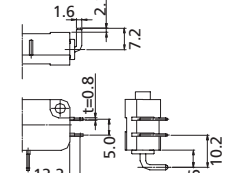
**C** Screw



**Q250** Quick Connect 250 Series

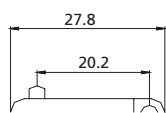


**Q187** Quick Connect 187 Series

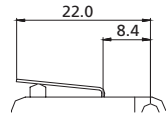


**H** P.C.B. Terminal

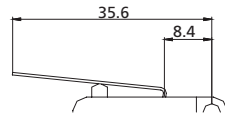
## HINGED TYPE (LEVER)



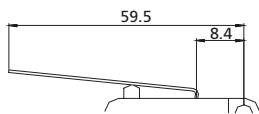
**00** Pin Plunger



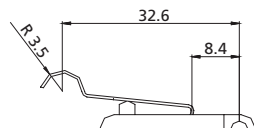
**01** Short



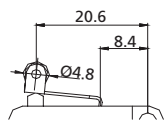
**02** Standard



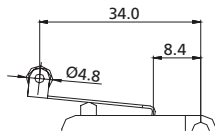
**03** Long



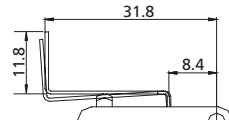
**04** Simulated



**05** Short Roller



**06** Standard Roller



**07** L Shape

## OPERATING FORCE

Hinged Type	O.P. (mm)	P.T. max. (mm)	O.T. min. (mm)	M.D. max. (mm)	Operating Force max. (gf)			Release Force min. (gf)		
					L	N	H	L	N	H
00	14.75±0.45	1.2	1.0	0.3	50	200	300	40	50	60
01	15.2±0.5	1.6	0.8	0.5	50	200	300	40	50	60
02	16±1.2	4.0	1.6	0.8	30	90	135	20	40	50
03	15.7±3.1	9.0	3.2	2.0	15	50	70	10	20	30
04	18.75±1.25	4.0	1.6	0.8	30	100	150	20	40	50
05	20.7±0.6	1.6	0.8	0.5	50	200	300	30	50	60
06	20.65±1.25	4.0	1.6	0.8	30	90	135	20	40	50

O.P. (Operation Position): The position of the actuator at which the contact snap to the operated contact position  
 F.P. (Free Position): The initial position on the actuator when there is no external force applied  
 P.T. (Pretravel): The distance or angle through which the actuator moves from the F.P. to the O.P.  
 O.T. (Over Travel): The distance or angle of the actuator movement beyond the O.P.  
 R.P. (Releasing Position): The position of the actuator at which the contacts snap from the operated contact position to their normal position  
 M.D. (Movement Differential): The distance or angle from O.P. to R.P.

## How to order:

MP3

**1** CURRENT RATING:  
 R1 0.1A 48VDC  
 R2 5A 125/250VAC  
 R3 10A 125/250VAC

**2** TERMINAL  
 (See above drawings):  
 D Solder Lug  
 C Screw  
 Q250 Quick Connect 250 Series  
 Q187 Quick Connect 187 Series  
 H P.C.B. Terminal

**3** HINGED TYPE  
 (See above drawings):  
 00 Pin Plunger  
 01 Short Hinge Lever  
 02 Standard Hinge Lever  
 03 Long Hinge Lever  
 04 Simulated Hinge Lever  
 05 Short Roller Hinge Lever  
 06 Standard Roller Hinge Lever  
 07 L Shape Hinge Lever

**4** OPERATING FORCE  
 (See above schedule):  
 L Lower Force  
 N Standard Force  
 H Higher Force

**5** CIRCUIT  
 2 S.P.D.T.  
 1C S.P.S.T. (N.C.)  
 1O S.P.S.T. (N.O.)

## General Specifications:

### FEATURES

- » Long Life spring mechanism
- » Large over travel

### MATERIAL

- » Stationary Contact: AgNi (5A/10A)  
Brass copper (0.1A)
- » Movable Contact: AgNi
- » Terminals: Brass Copper

### MECHANICAL

- » Type of Actuation: Momentary
- » Mechanical Life: 300,000 operations min.
- » Operating Temperature: -40°C to +105°C

### ELECTRICAL

- » Electrical Life: 10,000 operations min.
- » Initial Contact Resistance: 50mΩ max.
- » Insulation Resistance: 100MΩ min.