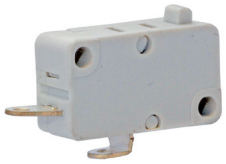
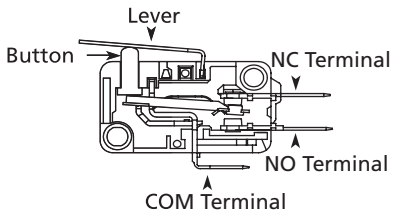
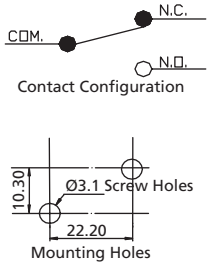
Micro Switches 16A 125/250VAC

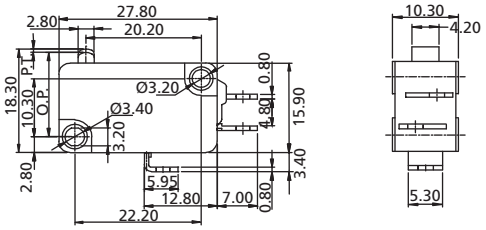
MP4 Series



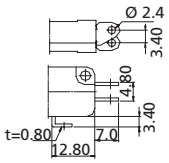
MP4R4Q18700_ _



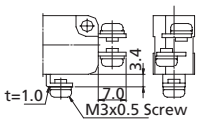




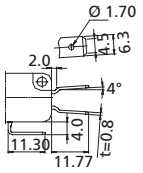
TERMINAL TYPE



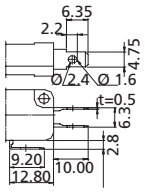
D Solder Lug



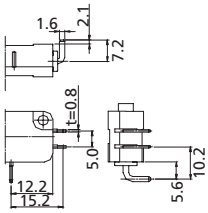
C Screw



Q250 Quick Connect 250 Series

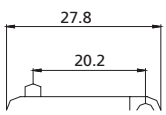


Q187 Quick Connect 187 Series

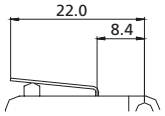


H P.C.B. Terminal

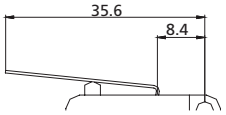
HINGED TYPE (LEVER)



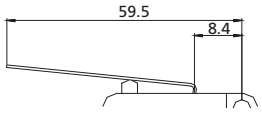
00 Pin Plunger



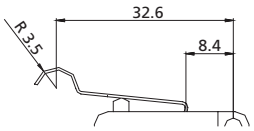
01 Short



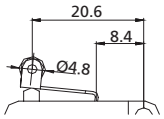
02 Standard



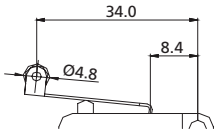
03 Long



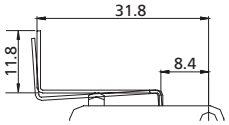
04 Simulated



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	14.7±0.4	1.2	1.0	0.3	150±50	250±50	350±50	30	60	100
01	15.2±0.5	1.6	0.8	0.5	150±50	250±50	350±50	30	60	100
02	15.2±1.2	4.0	1.6	0.8	70	90	135	20	40	50
03	15.2±2.6	9.0	3.2	2.0	15	75	70	20	45	30
04	18.7±1.2	4.0	1.6	0.8	30	100	150	20	40	50
05	20.7±0.6	1.6	0.8	0.5	150±50	250±50	350±50	30	60	100
06	20.7±1.2	4.0	1.6	0.8	30	90	135	20	40	50
07	24.4±1.0	4.0	0.5	0.8	30	110	170	20	50	60

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:

MP4 [1] [2] [3] [4] [5]

1 CURRENT RATING:
R4 16A 125/250VAC

2 TERMINAL TYPE (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 shedule):
L Lower Force
N Standard Force
H Higher Force

5 CIRCUIT
2 SPDT
1C SPST (NC)
1O SPST (NO)

General Specifications:

FEATURES
» Long Life spring mechanism
» Large over travel

MATERIAL
» Stationary Contact: AgNi+CU
» Movable Contact: AgNi
» Terminals: C2680R-H

MECHANICAL
» Type of Actuation: Momentary
» Mechanical Life: 300,000 operations min.
» Operating Temperature: -25°C to +105°C

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