Stainless Steel Low Profile Vandal Resistant
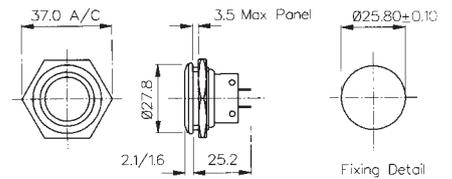Momentary

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Front Panel Mounting

MP0027

- ⬡ 28mm diameter
- ⬡ S.P.C.O. Microswitch
- ⬡ 5A, 250Vac

37.0 A/C | 4.0 Max. Panel. | Ø25.80±0.10
Ø27.8
1.6 | 25.2
Fixing Detail
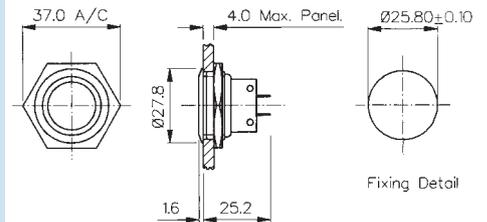
Front Panel Mounting

MP0038
Sealed to IP66

- ⬡ Front Panel Sealed to IP66
- ⬡ 28mm diameter
- ⬡ S.P.C.O. Microswitch
- ⬡ 5A, 250Vac

37.0 A/C | 3.5 Max Panel | Ø25.80±0.10
Ø27.8
2.1/1.6 | 25.2
Fixing Detail

Specifications	MP0027	MP0038
Terminations:	Solder Tags	Solder Tags
Switching:	S.P.C.O. Momentary Action (Microswitch)	S.P.C.O. Momentary Action (Microswitch)
Max. Rating:	5A, 250Vac 2A, 28Vdc	5A, 250Vac 2A, 28Vdc
Contact Resistance:	<10mΩ	<10mΩ
Insulation Resistance:	>10^3 MΩ	>10^3 MΩ
Dielectric Strength:	>2.0kVac	>2.0kVac
Operating Temp. Range:	–20°C to +70°C	–20°C to +70°C
Sealing (Front of panel only):		Protection Classification: IP66 EN60529-1:1992 + A2:2013. (Micro switch not sealed)
Operations Mechanical: Electrical:	1,000,000 (min) 35,000 (min)	1,000,000 (min) 35,000 (min)
Operating Pressure:	7.5N (typ)	12.5N (typ)
Rear Nut Fixing Torque:	2.5Nm	1.13Nm
Materials Mouldings: Tags/Terminations: Switch Body & Button:	Glass Filled Nylon Brass, Tin Plated Stainless Steel	Glass Filled Nylon Brass, Tin Plated Stainless Steel
Contacts:	Fine Silver	Fine Silver
Thread size:	1.0" x 26TPI	1.0" x 26TPI
RoHS	Compliant	Compliant

Stainless Steel Low Profile Vandal Resistant

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Front Panel Mounting

MP0037
Sealed to IP68

○ Front Panel Sealed to IP68
○ 21.5mm diameter
○ S.P. Push to Make
○ 1A, 50Vac/dc
⬡ Industry Standard Size

Hex Nut 25.7 A/C
1.6 26.8 Max
Ø21.5
Ø19.20±0.10
4.0
Max Panel
Fixing Detail
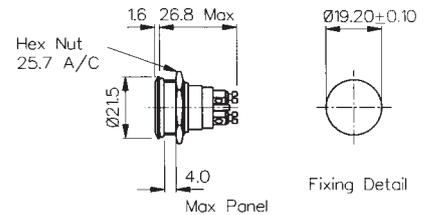
Front Panel Mounting

MP0031
Sealed to IP66

○ Front Panel Sealed to IP66
○ 21.5mm diameter
⬡ S.P.C.O. Microswitch
⬡ 5A, 250Vac

Ø21.5
1.6
30.0
Ø19.20±0.10
7.1 MAX Panel
Hex Nut 25.7 A/C
19.8
Fixing Details
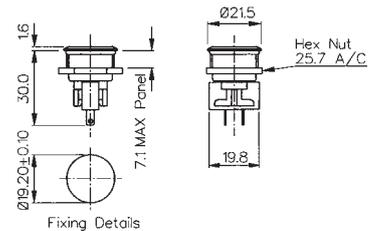
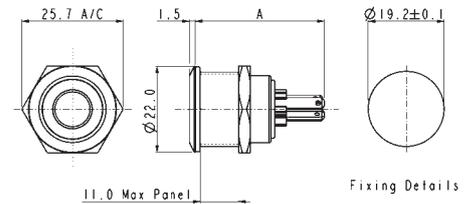| Specifications	MP0037	MP0031
Terminations:	Screw Terminals	Solder Tags
Switching:	S.P. Push to make Momentary action	S.P.C.O. Momentary Action (Microswitch)
Max. Rating:	1A, 50Vac/dc	5A, 250Vac 2A, 28Vdc
Contact Resistance:	<10mΩ	<10mΩ
Insulation Resistance:	>10^5 MΩ	>10^3 MΩ
Dielectric Strength:	>1.0kVac	>2.0kVac
Operating Temp. Range:	–20°C to +70°C	–20°C to +70°C
Sealing (Front of panel only):	Protection Classification: IP68 EN 60529:1992+A2:2013 (Micro switch not sealed)	Protection Classification: IP66 EN60529-1:1992 + A2:2013. (Micro switch not sealed)
IP68 rating 10M for 2 weeks test:	Passed	
Operations Mechanical: Electrical:	1,000,000 (min) 30,000 (min)	1,000,000 (min) 35,000 (min)
Operating Pressure:	7.5N (typ)	4.7N (typ)
Rear Nut Fixing Torque:	0.57Nm	0.57Nm
Materials Mouldings: Tags/Terminations: Switch Body & Button:	Glass Filled Nylon Brass, Silver Plated Stainless Steel	Glass Filled Nylon Brass, Tin Plated Stainless Steel
Contacts:	Brass, Silver Plated, Silver	Fine Silver
Thread size:	0.747" x 26TPI	0.747" x 26TPI
RoHS	Compliant	Compliant

Stainless Steel Illuminated Vandal Resistant

LED

Front Panel Mounting

MPI001- front panel seal to IP66

○ Dot illumination
○ 22mm diameter
○ Single pole push to make
○ 50mA, 24Vdc contact rating
○ Red, Green, Amber, Blue, White or dual colour illumination
○ Bright daylight LEDs
○ Independent LED terminals
○ Front panel seal to IP66
○ Integral supply resistors
○ TVS protection

```
25.7 A/C    1.5         A          Ø19.2±0.1


                                              Fixing Details
        11.0 Max Panel
MPI001/TAG/COL A = 32.7
MPI001/TERM/COL A = 31.0 MAX.
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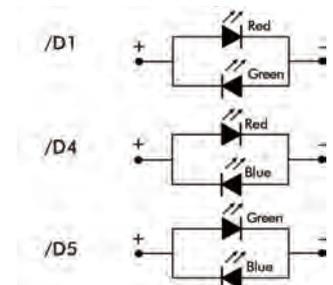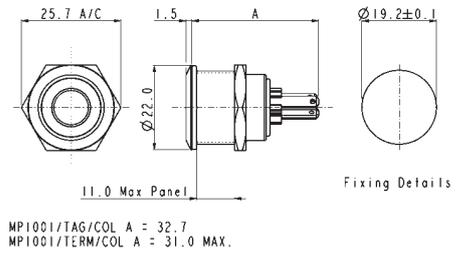
Specifications — MPI001/Termination/Colour/Voltage

Illumination style:	Dot
Terminations:	/28 (2.8mm tabs),
	/TERM or /TE (screw terminals)
Switching:	Single pole, push to make, tactile (momentary action)

| Max. Switch Rating: | 50mA, 24Vdc |

LEDs (ratings @ 20mA)

Part No.	/RD	/GN	/AM	/BL	/WH	/D1	/D4	/D5
Colours	Red	Green	Amber	Blue	White	Red/Green	Red/Blue	Green/Blue
Luminous Intensity	900mcd	2500mcd	900mcd	1500mcd	900mcd	2500mcd/5000mcd	2000mcd/850mcd	4000mcd/2000mcd
Forward Voltage	1.85V	3.5V	2.3V	3.5V	3.6V	2.05V/3.6V	2.0V/3.6V	3.6V/3.6V
Forward Current	20mA	20mA	20mA	20mA	20mA	20mA	20mA	20mA
Moulding Colour	Red	Green	Amber	Blue	White	Black	Black	Black

Illumination Voltage:	/no suffix No resistor fitted. An appropriate resistor must be series connected by the user. Voltages as above.
	/6 6Vdc
	/12 12Vdc
	/24 24Vdc
Contact Resistance:	<100mΩ
Insulation Resistance:	>10³ MΩ
Dielectric Strength:	Contact to Panel >2.0kV
	Contact to Contact 1500

Operating Temp. Range:	–30°C to +70°C
Sealing (Front of panel only):	Protection Classification: IP66 EN60529-1:1992 + A2:2013. (Micro switch not sealed)
Operations	
Mechanical:	750,000 (min)
Electrical:	35,000 (min)

| Operating Pressure: | 12N |
| Rear Nut Fixing Torque: | 0.57Nm |

| Screw Terminal Torque | 0.2Nm Max |

Materials	
Switch assembly:	UL94V-0 rated Polyamide (Nylon)
Tags:	Copper Alloy
Terminals:	Copper Alloy
Switch Body & Button:	Stainless Steel
Lens and Lens Body:	Polycarbonate
O ring:	Nitrile
Internal seal:	Silicone
Contact Plate:	Gold Plated
Thread size:	18.97mm x 26TPI

| | ESD Handling precautions must be taken |
| RoHS | Compliant |

Dual Colour LED Configuration

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Front Panel Mounting

○ Ring illumination
○ 22mm diameter
○ Single pole push to make
○ 50mA, 24Vdc contact rating
○ Red, Green, Amber, Blue, White or dual colour illumination
○ Bright daylight LEDs
○ Independent LED terminals
○ Front panel seal to IP66
○ Integral supply resistors
○ TVS protection

MPI002- front panel seal to IP66

25.7 A/C   1.5   A   Ø19.2±0.1

Ø22.0

11.0 Max Panel   Fixing Details

MPI00I/TAG/COL A = 32.7
MPI00I/TERM/COL A = 31.0 MAX.

Specifications — MPI002/Termination/Colour/Voltage

Illumination style: Ring
Terminations: /28 (2.8mm tabs),
/TERM or /TE (screw terminals)
Switching: Single pole, push to make, tactile (momentary action)

Max. Switch Rating: 50mA, 24Vdc

LEDs (ratings @ 20mA)

Part No.	/RD	/GN	/AM	/BL	/WH	/D1	/D4	/D5
Colours	Red	Green	Amber	Blue	White	Red/Green	Red/Blue	Green/Blue
Luminous Intensity	900mcd	2500mcd	900mcd	1500mcd	900mcd	2500mcd/5000mcd	2000mcd/850mcd	4000mcd/2000mcd
Forward Voltage	1.85V	3.5V	2.3V	3.5V	3.6V	2.05V/3.6V	2.0V/3.6V	3.6V/3.6V
Forward Current	20mA	20mA	20mA	20mA	20mA	20mA	20mA	20mA
Moulding Colour	Red	Green	Amber	Blue	White	Black	Black	Black

Illumination Voltage: /no suffix No resistor fitted. An appropriate resistor must be series connected by the user. Voltages as above.
/6   6Vdc
/12   12Vdc
/24   24Vdc

Contact Resistance: <100mΩ
Insulation Resistance: >10³ MΩ
Dielectric Strength: Contact to Panel >2.0kV
Contact to Contact 1500

Operating Temp. Range: –30°C to +70°C
Sealing (Front of panel only): Protection Classification: IP66 EN60529-1:1992 + A2:2013. (Micro switch not sealed)
Operations
Mechanical: 750,000 (min)
Electrical: 35,000 (min)

Operating Pressure: 12N
Rear Nut Fixing Torque: 0.57Nm

Screw Terminal Torque: 0.2Nm Max

Materials
Switch assembly: UL94V-0 rated Polyamide (Nylon)
Tags: Copper Alloy
Terminals: Copper Alloy
Switch Body & Button: Stainless Steel
Lens and Lens Body: Polycarbonate
O ring: Nitrile
Internal seal: Silicone
Contact Plate: Gold Plated
Thread size: 18.97mm x 26TPI

RoHS

ESD Handling precautions must be taken
Compliant

Dual Colour LED Configuration

/D1 + Red / Green
/D4 + Red / Blue
/D5 + Green / Blue
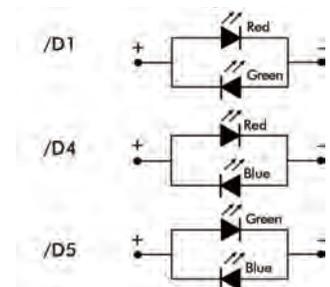
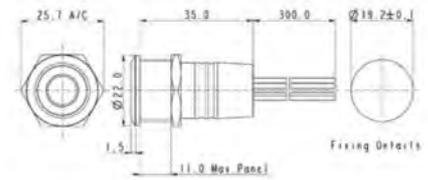# Stainless Steel Illuminated Vandal Resistant

Rear of panel IP66 seal

Rear Panel Sealed - Flying Leads

- Ring illumination
- 22mm diameter
- Single pole push to make
- 50mA, 24Vdc contact rating
- Red, Green, Amber, Blue, White or dual colour illumination
- Bright daylight LEDs
- Independent LED terminals
- Front panel seal to IP66
- Integral supply resistors
- TVS protection

MPI002/FL/xx/x

Flying lead colours: LED: red + and black –. Switch contacts: white.

Rear Panel Sealed - Solder Tags

- Dot or ring illumination
- 22mm diameter
- Single pole push to make
- 50mA, 24Vdc contact rating
- Red, Green, Amber, Blue & White illumination
- Bright daylight LEDs
- Independent LED terminals
- Front and rear panel seal to IP66
- Solder tag termination
- TVS protection

MPI001/RP/xx/x
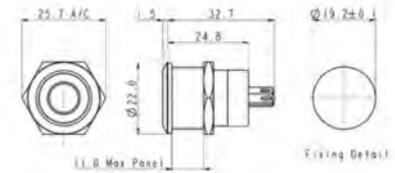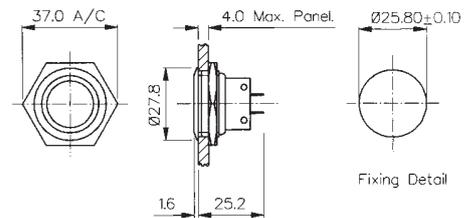
LED terminals marked + and –. Switch terminals unmarked.

Specifications	MPI001/Termination/Colour/Voltage					MPI002/Termination/Colour/Voltage				
Illumination style:	Dot					Ring				
Terminations:	/FL (Flying leads)					/FL (Flying leads)				
	/RP (Solder tags)					/RP (Solder tags)				
Switching:	Single pole, push to make, tactile (momentary action)					Single pole, push to make, tactile (momentary action)				
Max. Switch Rating:	50mA, 24Vdc					50mA, 24Vdc				
LEDs (ratings @ 20mA)										
Part No.	/RD	/GN	/AM	/BL	/WH	/RD	/GN	/AM	/BL	/WH
Colours	Red	Green	Amber	Blue	White	Red	Green	Amber	Blue	White
Luminous Intensity	900mcd	2500mcd	900mcd	1500mcd	900mcd	900mcd	2500mcd	900mcd	1500mcd	900mcd
Forward Voltage	1.85V	3.5V	2.3V	3.5V	3.6V	1.85V	3.5V	2.3V	3.5V	3.6V
Forward Current	20mA	20mA	20mA	20mA	20mA	20mA	20mA	20mA	20mA	20mA
Moulding Colour	Red	Green	Amber	Blue	White	Red	Green	Amber	Blue	White
Illumination Voltage:	/no suffix No resistor fitted. An appropriate resistor must be series connected by the user. Voltages as above.					/no suffix No resistor fitted. An appropriate resistor must be series connected by the user. Voltages as above.				
	/6 6Vdc					/6 6Vdc				
	/12 12Vdc					/12 12Vdc				
	/24 24Vdc					/24 24Vdc				
Contact Resistance:	<100mΩ					<100mΩ				
Insulation Resistance:	>10³ MΩ					>10³ MΩ				
Dielectric Strength:	Contact to Panel >2.0kV					Contact to Panel >2.0kV				
	Contact to Contact 1500					Contact to Contact 1500				
Operating Temp. Range:	–30°C to +70°C					–30°C to +70°C				
Sealing (Front of panel only):	Protection Classification: IP66 EN60529-1:1992 + A2:2013. (Micro switch not sealed)					Protection Classification: IP66 EN60529-1:1992 + A2:2013. (Micro switch not sealed)				
Operations										
Mechanical:	750,000 (min)					750,000 (min)				
Electrical:	35,000 (min)					35,000 (min)				
Operating Pressure:	12N					12N				
Rear Nut Fixing Torque:	0.57Nm					0.57Nm				
Materials										
Switch assembly:	UL94V-0 rated Polyamide (Nylon)					UL94V-0 rated Polyamide (Nylon)				
Tags:	Copper Alloy					Copper Alloy				
Terminals:	Copper Alloy					Copper Alloy				
Switch Body & Button:	Stainless Steel					Stainless Steel				
Lens and Lens Body:	Polycarbonate					Polycarbonate				
O ring:	Nitrile					Nitrile				
Internal seal:	Silicone					Silicone				
Contact Plate:	Gold Plated					Gold Plated				
Thread size:	18.97mm x 26TPI					18.97mm x 26TPI				
						ESD Handling precautions must be taken				
RoHS	ESD Handling precautions must be taken Compliant					Compliant				

Low Profile Brass Chrome Plated Vandal Resistant

Front Panel Mounting

○ Front Panel Sealed to IP66
○ 28mm diameter
○ S.P.C.O. Microswitch
○ 5A, 250Vac

MPB038
Sealed to IP66

Front Panel Mounting

○ Front Panel Sealed to IP66
○ 21mm diameter
○ S.P.C.O. Microswitch
○ 5A, 250Vac
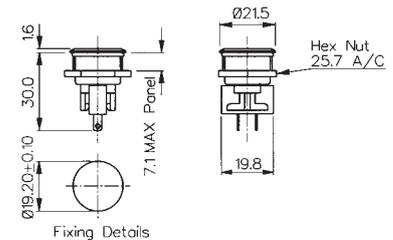
MPB031
Sealed to IP66

Front Panel Mounting

○ Front Panel Sealed to IP68
○ 21.5mm diameter
○ S.P. Push to Make
○ 1A, 50Vac/dc

MPB037
Sealed to IP68
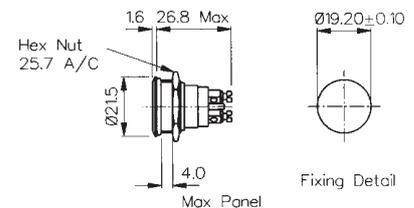
Specifications	MPB038	MPB031	MPB037
Terminations:	Solder Tags	Solder Tags	Screw Terminals
Switching:	S.P.C.O. Momentary Action (Microswitch)	S.P.C.O. Momentary Action (Microswitch)	S.P. Push to make Momentary action
Max. Rating:	5A, 250Vac. 2A, 28Vdc	5A, 250Vac. 2A, 28Vdc	1A, 50Vac/dc
Contact Resistance:	<10mΩ	<10mΩ	<10mΩ
Insulation Resistance:	>10^3 MΩ	>10^3 MΩ	>10^5 MΩ
Dielectric Strength:	>2.0kVac	>2.0kVac	>1.0kVac
Operating Temp. Range:	–20°C to +70°C	–20°C to +70°C	–20°C to +70°C
Sealing (Front of panel only):	Protection Classification: IP66 EN60529-1:1992 + A2:2013. (Micro switch not sealed)	Protection Classification: IP66 EN60529-1:1992 + A2:2013. (Micro switch not sealed)	Protection Classification: IP68 EN60529-1:1992 + A2:2013. (Micro switch not sealed) (10m for 2 weeks)
Operations Mechanical: Electrical:	1,000,000 (min) 35,000 (min)	1,000,000 (min) 35,000 (min)	1,000,000 (min) 30,000 (min)
Operating Pressure:	12.5N (typ)	4.7N (typ)	7.5N (typ)
Rear Nut Fixing Torque:	1.13Nm	0.57Nm	0.57Nm
Materials Mouldings: Tags/Terminations: Switch Body & Button:	Glass Filled Nylon Brass, Tin Plated Brass	Glass Filled Nylon Brass, Tin Plated Brass	Glass Filled Nylon Brass, Tin Plated Brass
Contacts:	Fine Silver	Fine Silver	Brass, Silver Plated, Silver
Thread size:	1.0" x 26TPI	0.747" x 26TPI	0.747" x 26TPI
RoHS	Compliant	Compliant	Compliant

Stainless Steel Large Diameter Vandal Resistant

Momentary

Front Panel Mounting - Low Profile

MP0050

- Front Panel Sealed to IP68
- Flush button
- 32.0mm diameter
- S.P.C.O. switching
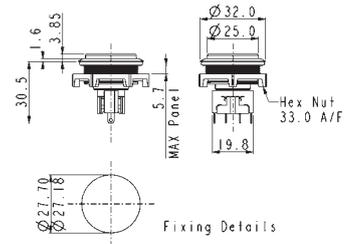- Momentary action
- 5A, 250Vac
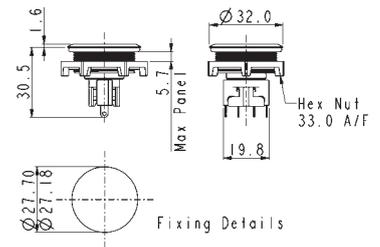
Front Panel Mounting - Protruding Profile

MP0050/2

- Front Panel Sealed to IP68
- Protruding button
- 32.0mm diameter
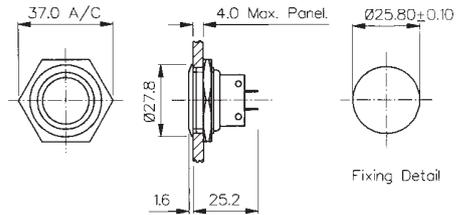- S.P.C.O. switching
- Momentary action
- 5A, 250Vac

Specifications	MP0050	MP0050/2
Terminations:	Solder Tags	Solder Tags
Switching:	S.P.C.O. Momentary Action (Microswitch)	S.P.C.O. Momentary Action (Microswitch)
Max. Rating:	5A, 250Vac. 2A, 28Vdc	5A, 250Vac. 2A, 28Vdc
Contact Resistance:	<10mΩ	<10mΩ
Insulation Resistance:	>10^3 MΩ	>10^3 MΩ
Dielectric Strength:	>2.0kVac	>2.0kVac
Operating Temp. Range:	–20°C to +70°C	–20°C to +70°C
Sealing (Front of panel only):	Protection Classification: IP66 EN60529-1:1992 + A2:2013. (Micro switch not sealed)	Protection Classification: IP66 EN60529-1:1992 + A2:2013. (Micro switch not sealed)
Operations Mechanical: Electrical:	1,000,000 (min) 35,000 (min)	1,000,000 (min) 35,000 (min)
Operating Pressure:	4.7Nm	4.7N (typ)
Rear Nut Fixing Torque:	0.57Nm	0.57Nm
Materials Mouldings: Tags/Terminations: Switch Body & Button:	Glass Filled Nylon Brass, Tin Plated Stainless Steel	Glass Filled Nylon Brass, Tin Plated Stainless Steel
Contacts:	Fine Silver	Fine Silver
Thread size:	M27 x 1.0-6H	M27 x 1.0-6H
RoHS	Compliant	Compliant

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Front Panel Mounting

⬡ 28mm diameter
⬡ Domed Profile
⬡ S.P.C.O. Microswitch
⬡ 5A, 250Vac

MP0027/3

37.0 A/C | 4.0 Max. Panel. | Ø25.80±0.10
Ø27.8 | 1.6 | 25.2 | Fixing Detail

Front Panel Mounting

⬡ Front Panel Sealed to IP66
⬡ 28mm diameter
⬡ Domed Profile
⬡ S.P.C.O. Microswitch
⬡ 5A, 250Vac

MP0038/3
Sealed to IP66

36.7 A/C | 3.5 Max Panel | Ø25.8±0.1
Ø27.8 | 3.8 | 25.2 | Fixing Detail

Specifications	MP0027/3	MP0038/3
Terminations:	Solder Tags	Solder Tags
Switching:	S.P.C.O. Momentary Action (Microswitch)	S.P.C.O. Momentary Action (Microswitch)
Max. Rating:	5A, 250Vac. 2A, 28Vdc	5A, 250Vac. 2A, 28Vdc
Contact Resistance:	<10mΩ	<10mΩ
Insulation Resistance:	>10^3 MΩ	>10^3 MΩ
Dielectric Strength:	>2.0kVac	>2.0kVac
Operating Temp. Range:	−20°C to +70°C	−20°C to +70°C
Sealing (Front of panel only):		Protection Classification: IP66 EN60529-1:1992 + A2:2013. (Micro switch not sealed)
Operations Mechanical: Electrical:	1,000,000 (min) 35,000 (min)	1,000,000 (min) 35,000 (min)
Operating Pressure:	7.5N (typ)	12.5N (typ)
Rear Nut Fixing Torque:	2.5Nm	1.13Nm
Materials Mouldings: Tags/Terminations: Switch Body & Button:	Glass Filled Nylon Brass, Tin Plated Stainless Steel	Glass Filled Nylon Brass, Tin Plated Stainless Steel
Contacts:	Fine Silver	Fine Silver
Thread size:	1.0" x 26TPI	0.747" x 26TPI
RoHS	Compliant	Compliant

Stainless Steel Domed Vandal Resistant

Front Panel Mounting

MP0037/3
Sealed to IP68

- Front Panel Sealed to IP68
- 21.5mm diameter
- Domed Profile
- S.P. Push to Make
- 1A, 50Vac/dc

Front Panel Mounting

MP0031/3
Sealed to IP66

- Front Panel Sealed to IP66
- 21.5mm diameter
- Domed Profile
- S.P.C.O. Microswitch
- 5A, 250Vac

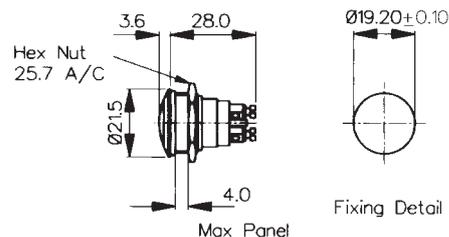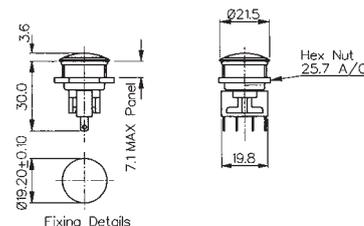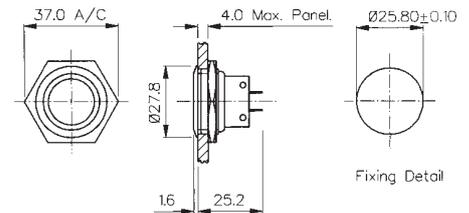| Specifications	MP0037/3	MP0031/3
Terminations:	Screw Terminals	Solder Tags
Switching:	S.P. Push to make Momentary action	S.P.C.O. Momentary Action (Microswitch)
Max. Rating:	1A, 50Vac/dc	5A, 250Vac. 2A, 28Vdc
Contact Resistance:	<10mΩ	<10mΩ
Insulation Resistance:	>10^5 MΩ	>10^3 MΩ
Dielectric Strength:	>1.0kVac	>2.0kVac
Operating Temp. Range:	−20°C to +70°C	−20°C to +70°C
Sealing (Front of panel only):	Protection Classification: IP68 EN60529-1:1992 + A2:2013. (Micro switch not sealed) (10m for 2 weeks)	Protection Classification: IP66 EN60529-1:1992 + A2:2013. (Micro switch not sealed)
Operations Mechanical: Electrical:	1,000,000 (min) 35,000 (min)	1,000,000 (min) 35,000 (min)
Operating Pressure:	7.5N (typ)	4.7N (typ)
Rear Nut Fixing Torque:	2.5Nm	0.57Nm
Materials Mouldings: Tags/Terminations: Switch Body & Button:	Glass Filled Nylon Brass, Tin Plated Stainless Steel	Glass Filled Nylon Brass, Tin Plated Stainless Steel
Contacts:	Brass, Silver Plated, Silver	Fine Silver
Thread size:	0.747" x 26TPI	0.747" x 26TPI
RoHS	Compliant	Compliant

Stainless Steel Prominent Button Vandal Resistant

Front Panel Mounting

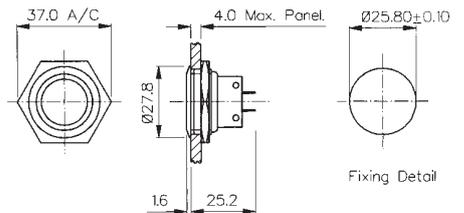- 28mm diameter
- Prominent Button
- S.P.C.O. Microswitch
- 5A, 250Vac

MP0027/2

Front Panel Mounting

- Front Panel Sealed to IP66
- 28mm diameter
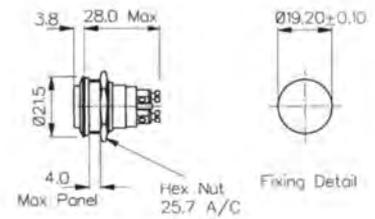- Prominent Button
- S.P.C.O. Microswitch
- 5A, 250Vac

MP0038/2
Sealed to IP66

Specifications	MP0027/2	MP0038/2
Terminations:	Solder Tags	Solder Tags
Switching:	S.P.C.O. Momentary Action (Microswitch)	S.P.C.O. Momentary Action (Microswitch)
Max. Rating:	5A, 250Vac 2A, 28Vdc	5A, 250Vac. 2A, 28Vdc
Contact Resistance:	<10mΩ	<10mΩ
Insulation Resistance:	>10^3 MΩ	>10^3 MΩ
Dielectric Strength:	>2.0kVac	>2.0kVac
Operating Temp. Range:	–20°C to +70°C	–20°C to +70°C
Sealing (Front of panel only):		Protection Classification: IP66 EN60529-1:1992 + A2:2013. (Micro switch not sealed)
Operations Mechanical: Electrical:	1,000,000 (min) 35,000 (min)	1,000,000 (min) 35,000 (min)
Operating Pressure:	7.5N (typ)	12.5N (typ)
Rear Nut Fixing Torque:	2.5Nm	1.13Nm
Materials Mouldings: Tags/Terminations: Switch Body & Button:	Glass Filled Nylon Brass, Tin Plated Stainless Steel	Glass Filled Nylon Brass, Tin Plated Stainless Steel
Contacts:	Fine Silver	Fine Silver
Thread size:	1.0" x 26TPI	1.0" x 26TPI
RoHS	Compliant	Compliant

Stainless Steel Prominent Button Vandal Resistant
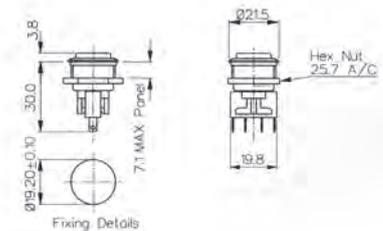
bulgin
a brand of Elektron Technology

Front Panel Mounting

◇ Front Panel Sealed to IP68
◇ 21.5mm diameter
◇ Prominent Button
◇ S.P. Push to Make
⬡ 1A, 50Vac/dc

MP0037/2
Sealed to IP68

Front Panel Mounting

◇ Front Panel Sealed to IP66
◇ 21.5mm diameter
◇ Prominent Button
◇ S.P.C.O. Microswitch
⬡ 5A, 250Vac

MP0031/2
Sealed to IP66

Specifications	MP0037/2	MP0031/2
Terminations:	Screw Terminals	Solder Tags
Switching:	S.P. Push to make Slow momentary action	S.P.C.O. Momentary Action (Microswitch)
Max. Rating:	1A, 50Vac/dc	5A, 250Vac. 2A, 28Vdc
Contact Resistance:	<10mΩ	<10mΩ
Insulation Resistance:	>10^5 MΩ	>10^3 MΩ
Dielectric Strength:	>1.0kVac	>2.0kVac
Operating Temp. Range:	–20°C to +70°C	–20°C to +70°C
Sealing (Front of panel only):	Protection Classification: IP68 EN60529-1:1992 + A2:2013. (Micro switch not sealed) (10m for 2 weeks)	Protection Classification: IP66 EN60529-1:1992 + A2:2013. (Micro switch not sealed)
Operations Mechanical: Electrical:	1,000,000 (min) 35,000 (min)	1,000,000 (min) 35,000 (min)
Operating Pressure:	7.5N (typ)	4.7N (typ)
Rear Nut Fixing Torque:	0.57Nm	0.57Nm
Materials Mouldings: Tags/Terminations: Switch Body & Button:	Glass Filled Nylon Brass, Tin Plated Stainless Steel	Glass Filled Nylon Brass, Tin Plated Stainless Steel
Contacts:	Brass, Silver Plated, Silver	Fine Silver
Thread size:	0.747" x 26TPI	0.747" x 26TPI
RoHS	Compliant	Compliant