



Specifications

Rating: 2A 24 VDC
 Electrical Life: Min. 10,000 cycles.
 Mechanical Life: 1,000,000 cycles.
 Insulation Resistance: 100 MΩ Min. at 500 VDC.
 Dielectric Strength: 500Vrms @ sea level. (initial value).
 Contact Resistance: 100 mΩ Max. @ 1A/12 VDC (initial value).
 Note: When the switches with the wire assembly, we only test the electric conduction and will not test the contact resistance on the wire.
 Operating Temperature Rating: -20°C to 65°C.
 Travel: 1.5 mm (.059 inch) ± 0.3 mm (.012 inch).
 Operating Pressure: 7 N ± 2 N.
 Torque: 0.5 to 1 Nm max. applied to nut.

Materials

Case and Bushing: Nylon 6/6.
 Cap: Polyurethane.
 Button: Stainless steel.
 Actuator: POM.
 Nut: SPCC (Nickel Plated).
 O-Ring: Silicone (Translucent).

Ingree Protection: IP67 (In house test)

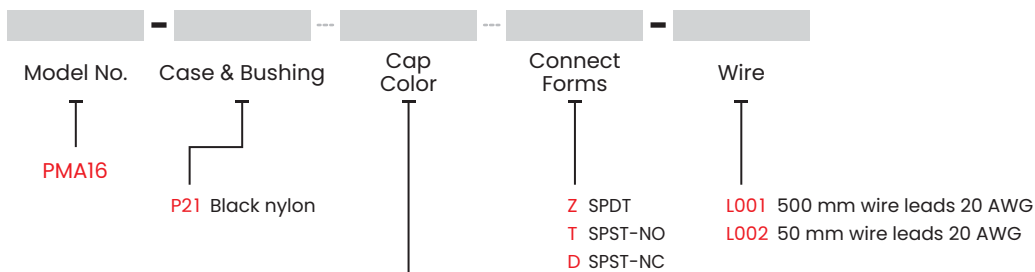


Soldering Process

Manual Soldering: Soldering Temperature : 280°C.
 Duration of solder immersion: Max. 3 sec.

HOW TO ORDER

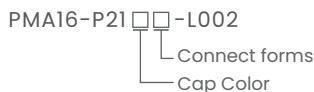
Note: Specifications and availability subject to change without notice.



Item No.	Color
01	White
02	Black
03	Red
05	Yellow
06	Green
07	Blue

Note: For other colors information please consult sales representative.

EXAMPLE:





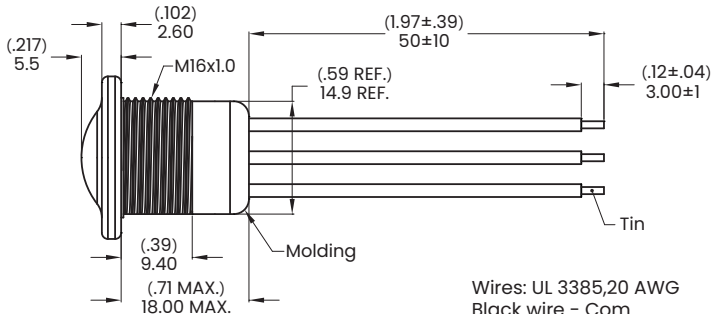
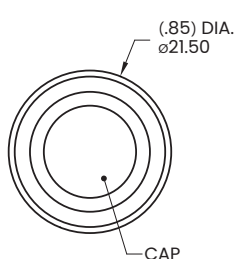
▼ SWITCH FUNCTION

No. Poles	Model No.	Switch Function		Connected Terminals / Schematic					
		POS. 1	POS. 2	POS. 1			POS. 2		
				OPEN			COLSE		
SP	PMA16	OFF	(ON)	 Com No Nc	 Com No	 Com Nc	 Com No Nc	 Com No	 Com Nc

() = Momentary

▼ POLE OPTIONS

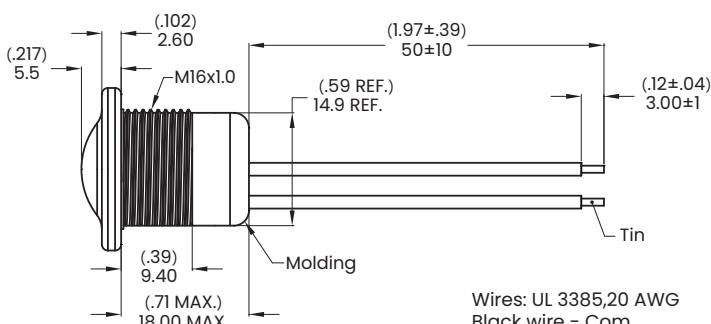
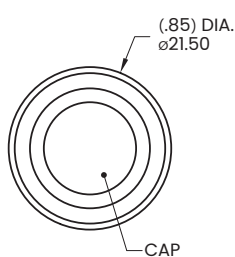
SPDT



Wires: UL 3385, 20 AWG
Black wire - Com
Blue wire - No
Green wire - Nc

Model name: PMA16-P2105Z-L002

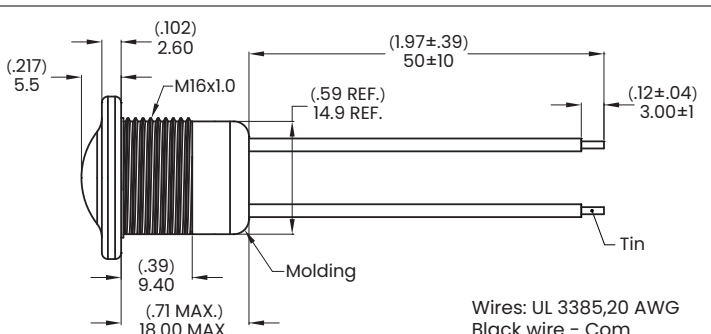
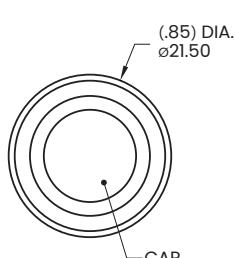
SPST-NO



Wires: UL 3385, 20 AWG
Black wire - Com
Black wire - No

Model name: PMA16-P2102T-L002

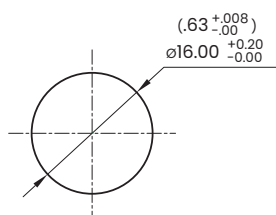
SPST-NC



Wires: UL 3385, 20 AWG
Black wire - Com
Black wire - Nc

Model name: PMA16-P2102D-L002

▼ PANEL MOUNTING AND HARDWARE



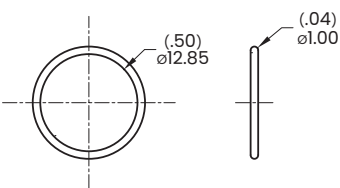
Panel thickness: 7 mm (.276 inch) max.

* Standard hardware : 1 Nut, 1 O-Ring

* For further information please consult sales representative.

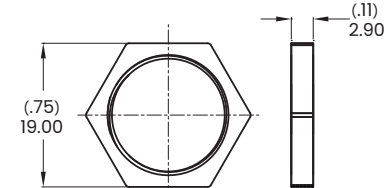
O-Ring

Model name: FCP-MP602



Hex Nut

Model name: MNU-MP601





Specifications

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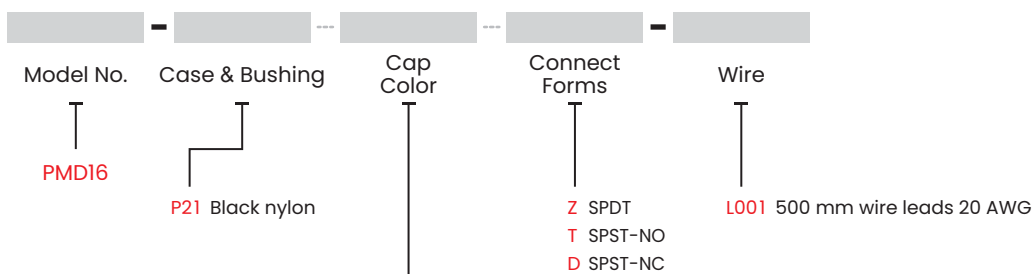


Soldering Process

Manual Soldering: Soldering Temperature : 280°C.
 Duration of solder immersion: Max. 3 sec.

HOW TO ORDER

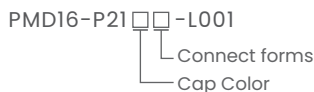
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				OPEN			COLSE		
SP	PMD16	OFF	(ON)						
				Com No Nc	Com No	Com Nc	Com No Nc	Com No	Com Nc

() = Momentary

▼ POLE OPTIONS

Wires: UL 3385, 20 AWG
Black wire - Com
Blue wire - No
Green wire - Nc

SPDT Model name: PMD16-P2105Z-L001

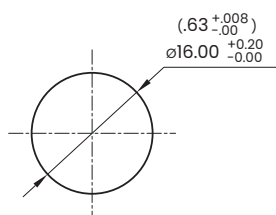
Wires: UL 3385, 20 AWG
Black wire - Com
Black wire - No

SPST-NO Model name: PMD16-P2107T-L001

Wires: UL 3385, 20 AWG
Black wire - Com
Black wire - Nc

SPST-NC Model name: PMD16-P2103D-L001

▼ PANEL MOUNTING AND HARDWARE



Panel thickness: 7 mm (.276 inch) max.

* Standard hardware : 1 Nut, 1 O-Ring
* For further information please consult sales representative.

O-Ring
Model name: FCP-MP602

Hex Nut
Model name: MNU-MP601