

PLP16 Series Panel Mount LED Sealed Pushbutton Switch

NEW

Pushbutton

Features/Benefits

- Illuminated & non-illuminated type
- Momentary or lock version
- IP65 or IP40 sealed
- 1,000,000 life cycle
- Choices of colors on LED illumination
- Various actuator sizes and styles
- Withstand high shock and vibration application

Typical Applications

- Industrial control panel
- Off-road transportation
- Machine and equipment
- Production control indicator



Specifications

FUNCTION: SPDT or DPDT

CONTACT ARRANGEMENT: N.O. AND N.C.

MOUNTING TYPE: Threaded front panel mount

Mechanical

OPERATING LIFE: Momentary 1,000,000 cycles
Lock 100,000 cycles

TOTAL TRAVEL: 1.2 ± 0.3 mm

OPERATING FORCE: 3.0 max.

Electrical

CONTACT RATING: Ith 5A / 250 VAC
3A / 250 VAC
1A / 30 VDC

OPERATING LIFE: Momentary 100,000 cycles
Lock 50,000 cycles

DIELECTRIC STRENGTH: 2,000 V RMS @ sea level

INSULATION RESISTANCE: 100 MΩ min. @ 500 VDC

INITIAL CONTACT RESISTANCE: 50 mΩ max. initial value

Materials

BUSHING: PEI

BASE / LED holder: PBT

ACTUATOR: PC

INTERNAL ASSEMBLY: POM / PC

SPRING: Steel (SUS304)

SEALING / O-ring: Silicone

TERMINALS / CONTACT: Brass (C2680) /

Phosphorus Bronze, Silver or Gold over Silver plated

Operating Environment

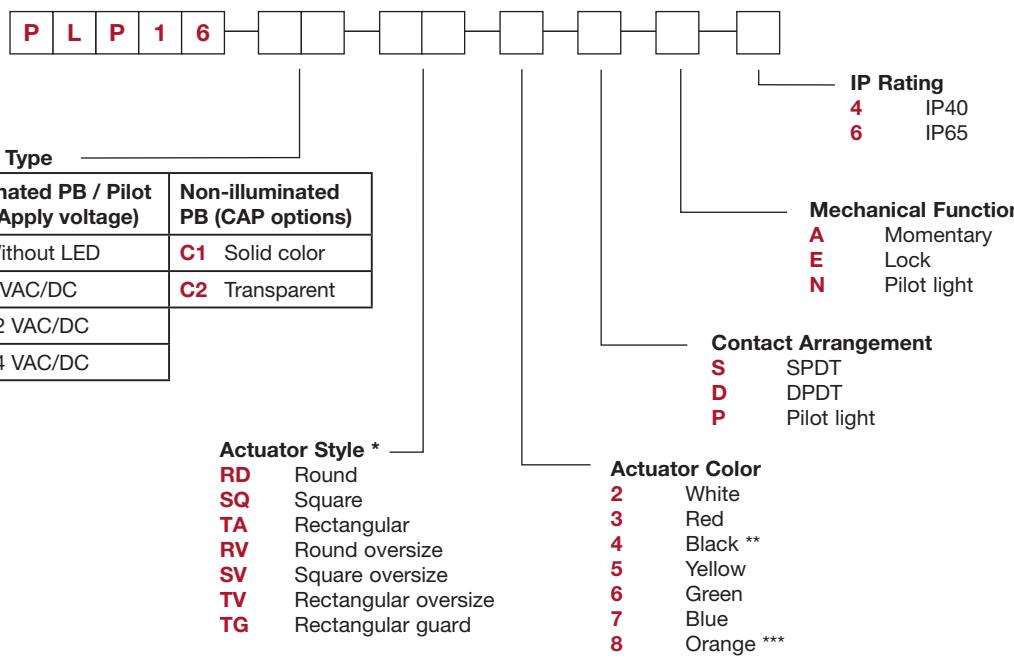
OPERATING TEMPERATURE: -25°C to 55°C

SEALING / PROTECTION: IP65 or IP40

NOTE: Specifications and materials listed above are for switches with standard options. For information on specific and custom switches, please contact Customer Service.

Build-A-Switch

To order, simply select desired option from each category and place in the appropriate box.

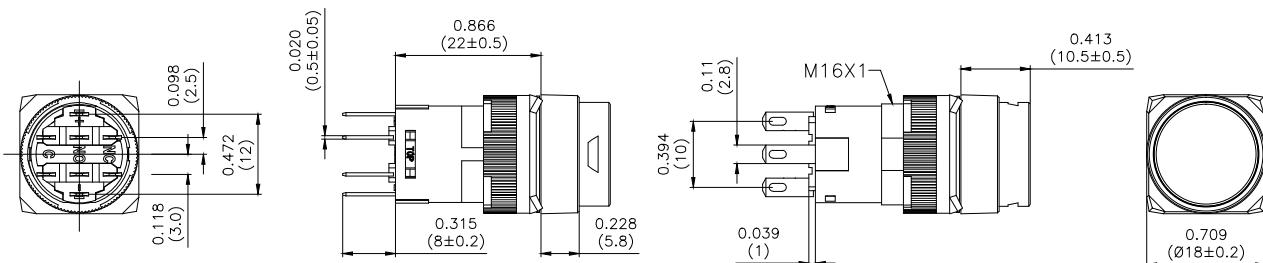
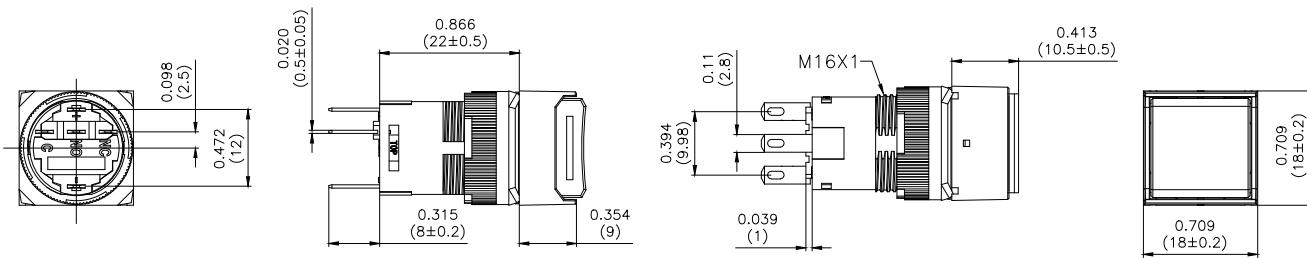
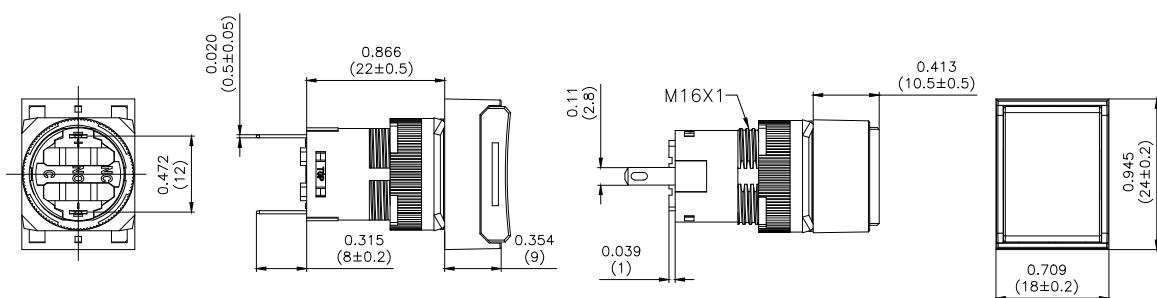
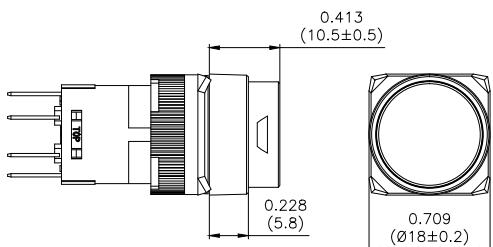
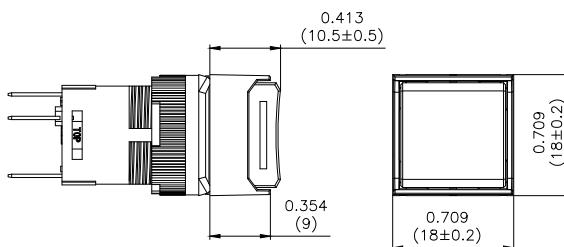
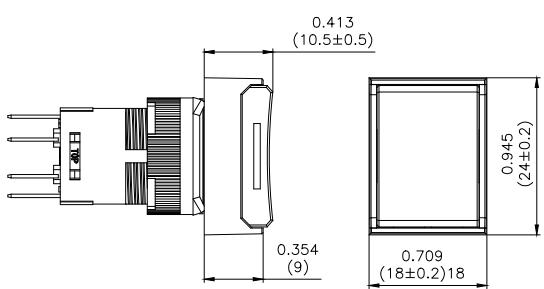
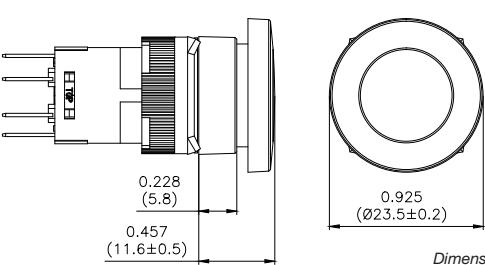


* Pilot light & C2 CAP available on RD, SQ, or TA actuator style only

** For C1 CAP only

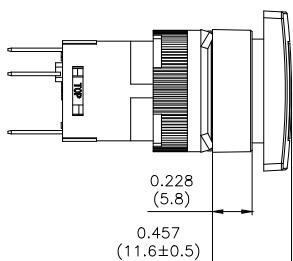
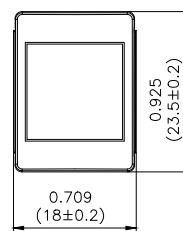
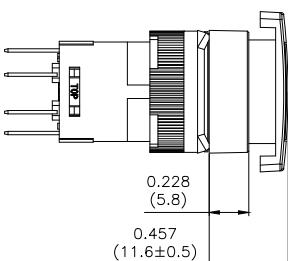
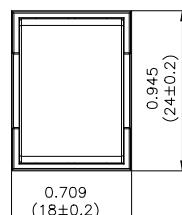
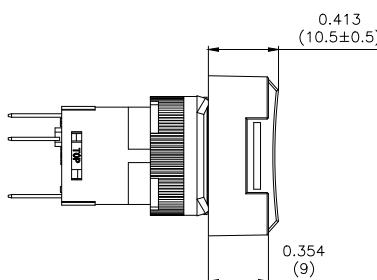
*** Not available on C1 CAP

C&K

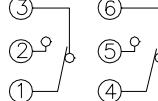
NEW**PLP16 Series**
Panel Mount LED Sealed Pushbutton Switch**A****Pushbutton****STANDARD VIEW / SWITCH TYPE****ILLUMINATED Ø 5/8" (16 MM)****PUSHBUTTON Ø 5/8" (16 MM)****PILOT LAMP Ø 5/8" (16 MM)****ACTUATOR STYLE / CAP SIZE****RD ROUND****SQ SQUARE****TA RECTANGULAR****RV ROUND OVERSIZE**

Dimensions are shown: mm (inches)
Specifications and dimensions subject to change

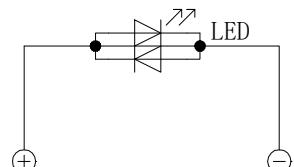
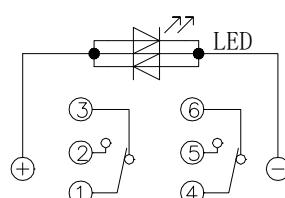
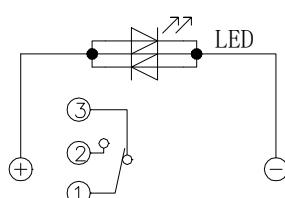
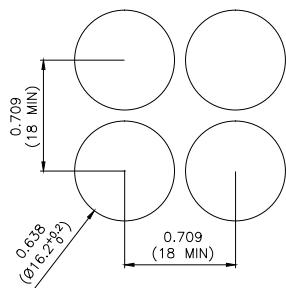
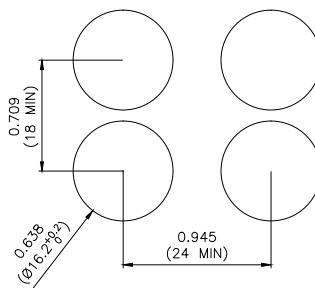
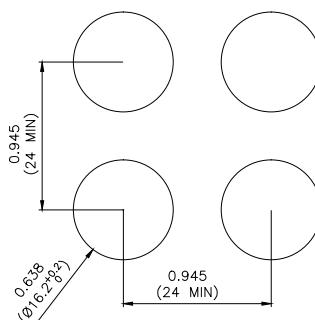
C&K

NEW**PLP16 Series**
Panel Mount LED Sealed Pushbutton Switch**A****Pushbutton****ACTUATOR STYLE / CAP SIZE****SV** SQUARE OVERSIZE**TV** RECTANGULAR OVERSIZE**TG** RECTANGULAR WITH GUARD**CONTACT ARRANGEMENT****S** SPDT

PUSHBUTTON

**D** DPDT**P** PILOT LIGHT

ILLUMINATED

**MOUNTING HOLES LAYOUT****ROUND / SQUARE****RECTANGULAR
(PLUS FULL GUARD & OVERSIZE)****OVERSIZE ROUND & SQUARE**

Mounting panel thickness reference dia: 0.5-0.6 mm

Dimensions are shown: mm (inches)
Specifications and dimensions subject to change

NEW**PLP16 Series**
Panel Mount LED Sealed Pushbutton Switch**A**
Pushbutton**LED - LAMP RATING**

Voltage Range		6V AC/DC ± 5%	12V AC/DC ± 10%	24V AC/DC ± 10%
Rated Voltage		6V AC/DC	12V AC/DC	24V AC/DC
Current Draw	DC	8 mA	8 mA	8 mA
	AC	9 mA	9 mA	9 mA
Lamp Base Color / Lamp Body Resin Color		Illumination color / Porcelain white		
Life (reference value)		50,000 hours (brightness of LED lamp will half of the initial value when using DC only)		

ACCESSORY ORDERING INFORMATION**LED LAMP**

	Rated Voltage	Ordering Code
	6V AC/DC	PL06X *
	12V AC/DC	PL12X *
	24V AC/DC	PL24X *

* X = choice of LED color

X	Color
2	White
3	Red
5	Yellow
6	Green
7	Blue
8	Orange

SWITCH PROTECTIVE GUARD FOR IP65 (180° SPRING RETURN COVER) #**ROUND**
PCS651**SQUARE**
PCS652**RECTANGULAR**
PCS653**SWITCH PROTECTIVE GUARD FOR IP40 & IP65 #**

Rated	Cover Opening	For Actuator Type	Ordering Code	Rated	Cover Opening	For Actuator Type	Ordering Code
	90°	Round / Square	PC401		90°	Round / Square	PC654
		Rectangular	PC402			Rectangular	PC655
	180°	Round / Square	PC403		180°	Round / Square	PC656
		Rectangular	PC404			Rectangular	PC657

Refer to spec for panel cutout dimensions and mounting instruction

Dimensions are shown: mm (inches)
Specifications and dimensions subject to change

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

C&K Switches:

[PLP160001](#) [PLP160002](#) [PLP160003](#) [PLP160004](#) [PLP160005](#) [PLP160006](#) [PLP160007](#) [PLP160008](#)