

8000 SERIES

MOMENTARY OR ALTERNATE ACTION PUSHBUTTON SWITCHES

Overview

MODEL
STRUCTURE

8

SERIES

Terminals and bushings

- 4** Straight PC or right angle terminals
6 Solder lug terminals

All models with Ø 6,35 (1/4) or Ø 11,9 (15/32) threaded bushing.

Number of poles

- 3** Single pole
4 Double pole

Electrical functions

- 2** ON - MOM
6 ON - ON

Terminals

- Blank** Solder lugs or straight PC depending on model
W Right angle

OPTIONS

Contact materials

- A** Silver
AD Silver, gold plated
CD Brass, gold plated

Plungers

For bushing Ø 6,35 (1/4)

- 13** Height 6,3 (.248)
-9 Height 8,8 (.346)

For bushing Ø 11,9 (15/32)

- 13** Height 8,6 (.338)
-6 Height 7 (.275)

Special options

- X718** Bushing Ø 11,9 (15/32)
X934 Flatted bushing Ø 11,9 (15/32) + front panel sealing
Other, see following pages.

Caps

- U900** Ø 5 (.196)
U1140 Ø 8 (.314)
U1720 Ø 9,4 (.370)
U480 Ø 10 (.393)
Standard
U630 Ø 15 (.590)
U2430 Square Height 4 (.157)
U2020 Square Height 6 (.236)

Sealing

- Blank** No sealing
B Epoxy sealed terminals
K Front panel sealing by O-ring and sealing washer

Approval

- UL**
Availability : Consult factory for details of approved models.

ABOUT THIS SERIES

On the following pages, you will find successively :

- specifications
- model structure of switches
- options in the same order as in above chart

Dimensions : first dimensions are in mm while inches are shown as bracketted numbers.



Sealing boots are available to protect the switches against dust and water. They are presented in section N.



Mounting accessories : standard hardware supplied with all models : 2 hex nuts 8 mm (.314) across flats, 1 locking ring and 1 lockwasher.
Standard and special hardware available are presented in section N.



Packaging unit : 50 pieces, except 8000W (25 pieces).

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Specifications

ELECTRICAL SPECIFICATIONS

- Max. current/voltage rating with resistive load :
 - silver contacts : 3A 250VAC - 6A 125VAC - 4A 30VDC
 - gold plated contacts : 0,4VA max. 20VAC or DC
- Initial contact resistance : 10 mΩ max.
- Insulation resistance : 1.000 MΩ min. at 500VDC
- Dielectric strength :
 - 1.000 Vrms 50 Hz min. between terminals
 - 2.000 Vrms 50 Hz min. between terminals and frame
- Electrical life : 30.000 cycles at full load

MATERIALS

- Case : diallylphthalate (DAP)
- Actuator : brass, nickel plated
- Bushing : brass, nickel plated
- Housing : stainless steel
- Contacts
 - A** : silver
 - AD** : silver, gold plated
 - CD** : brass, gold plated
- Terminal seal : epoxy

D

GENERAL SPECIFICATIONS

- Torque : 1,25 Nm (.922 Ft.lb)
max. applied to nut
- Total travel : 2,70 mm (.106)
- Operating temperature :
-40°C to +85°C

AGENCY APPROVAL



Availability : consult factory for details of approved models.

Marking : to order switches marked UL, complete appropriate box of ordering format.

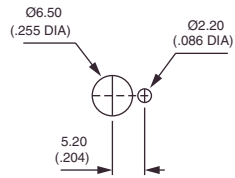
8000 SERIES

MOMENTARY OR ALTERNATE ACTION PUSHBUTTON SWITCHES

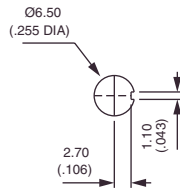
OPTIONS



PANEL CUT-OUT

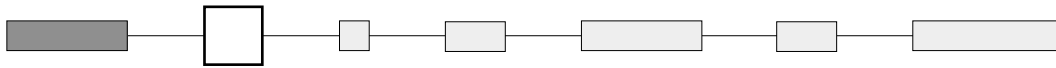


Standard



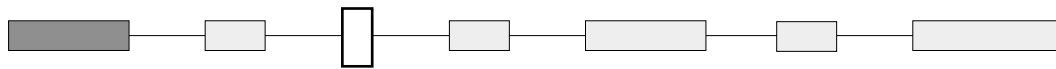
With K sealing option

CONTACT MATERIALS



A	Silver
AD	Silver, gold plated
CD	Brass, gold plated

SEALING



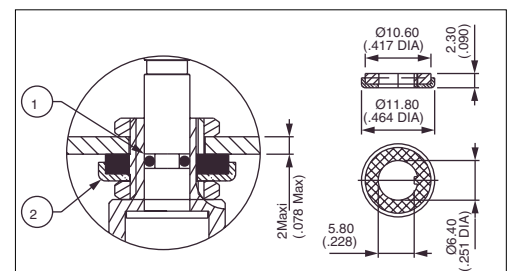
Blank No sealing

B Epoxy sealed terminals

K Front panel sealing by one O-ring and sealing washer. Protects the switch against water and dust. Panel seal withstands 1 bar pressure and remains sealed even when switch is operated.

KB Combined sealings

Sealing boot : see section N.



- ① O-ring
- ② Sealing washer

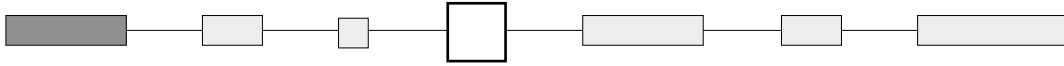
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OPTIONS

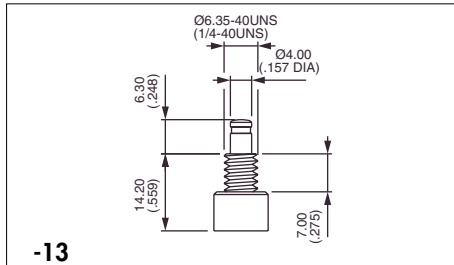


PLUNGERS



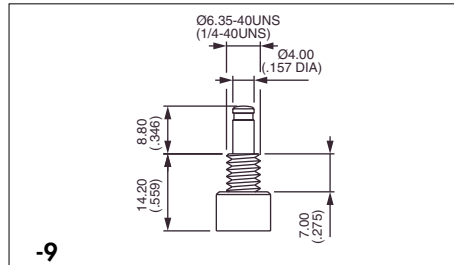
For $\varnothing 6,35$ (1/4) bushing

Dash compulsory before plunger code.



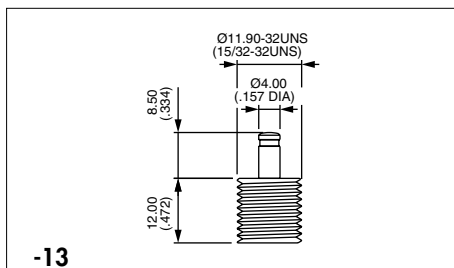
-13

Standard

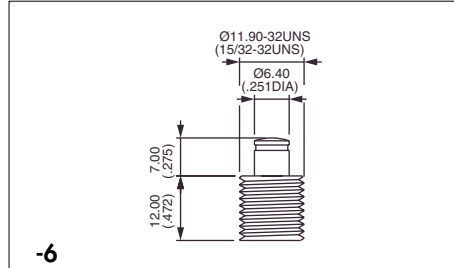


-9

For $\varnothing 11,9$ (15/32) bushing (X718 models)

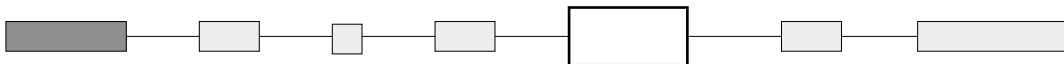


-13



-6

SPECIAL OPTIONS



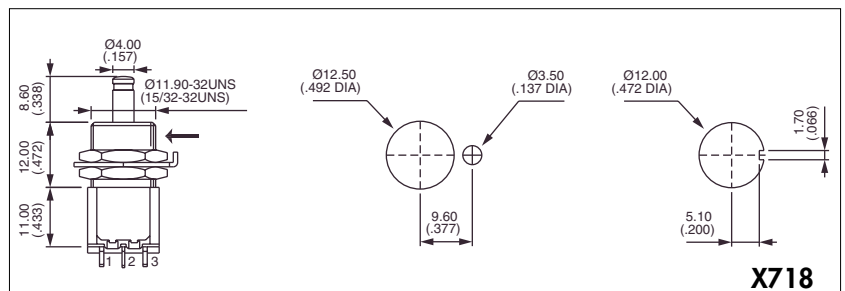
X601 Silver plated brass contacts

Current/voltage rating for an electrical life of 20.000 cycles :
0,2A 250VAC - 0,4A 125VAC - 0,5A 30VDC.

Minimum quantity : 5.000 pieces per model and shipment.

→ Keyway or flat

X718 Bushing $\varnothing 11,9$ (15/32)
For all basic models (solder lug
straight PC or right angle terminals)
Available with plungers 13 and 6.
K sealing option available.

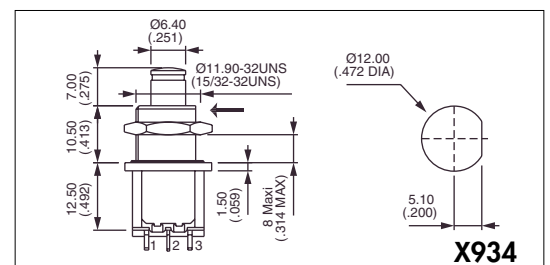


X718

X748 Snap-in mounting. Consult factory
Panel cut-out 15 x 12,5 (.59 x .492)

F Tin dipped terminals (for PC terminals only)

X934 Flatted bushing $\varnothing 11,9$ (15/32) + sealing by two O-rings
(for plunger -6 only)



X934

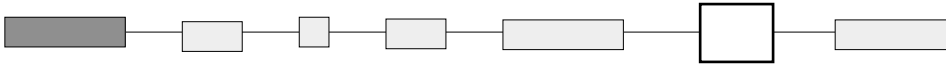
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OPTIONS



APPROVAL

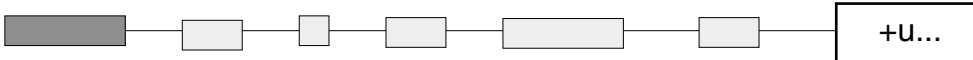


UL

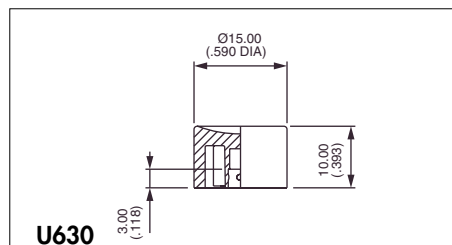
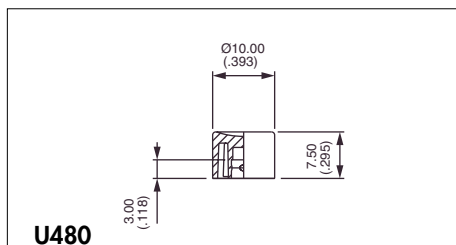
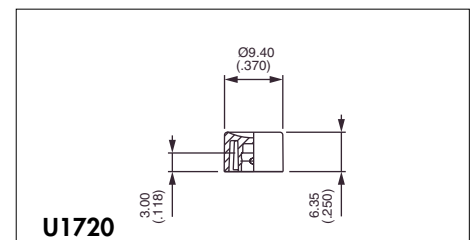
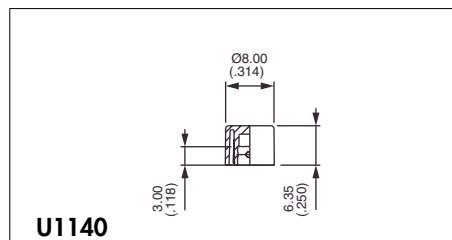
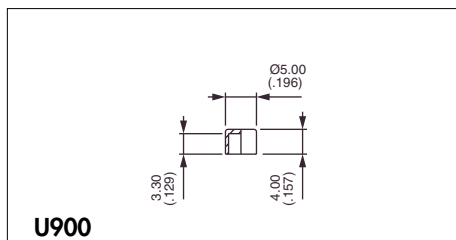
Availability : consult factory for details of approved models.

Marking : to order switches marked UL, complete above box with "UL".

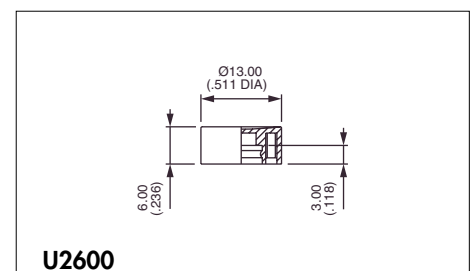
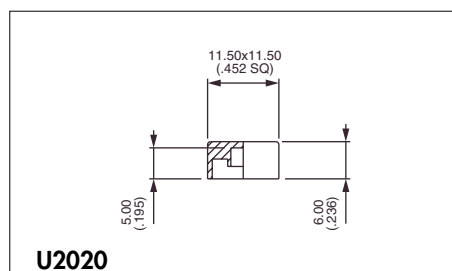
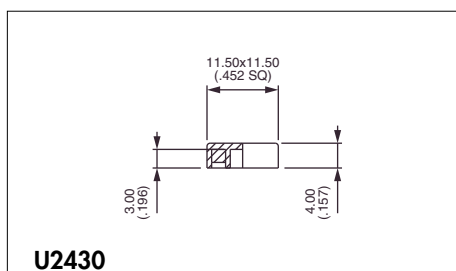
CAPS



The caps below are for $\varnothing$ 4 mm plungers (-13 and -9), except U2600.



Cap colours			
Replace last "0" by number			
1	blue	6	red
2	black	7	ivory
3	green	7/1	white
4	grey	9	orange
5	yellow		



DRESS NUTS

Chrome plated. Order separately.

