

8000 series

Momentary or alternate action
pushbutton switches



DISTINCTIVE FEATURES

Momentary or alternate

Bushing Ø 6.35 (1/4) and Ø 11.9 (15/32)

UL approved



ELECTRICAL SPECIFICATIONS

- Max. current/voltage rating with resistive load :
 - silver contacts : 4 A 30 VDC
 - gold plated contacts : 0.4 VA max. 20 VAC or DC
- Initial contact resistance : 10 mΩ max.
- Insulation resistance : 1,000 MΩ min. at 500 VDC
- 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



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 (-40 °F to +185 °F)



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

APEM products may be recycled at end-of-life for the re-claiming of valuable metal components.

The company reserves the right to change specifications without notice.



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AGENCY APPROVAL



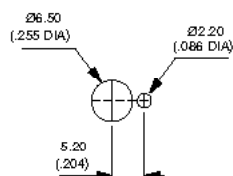
3 A 250 VAC,
6 A 125 VAC

Availability : consult factory for details of approved models.

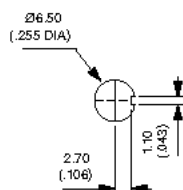
Marking : to order switches marked UL, complete appropriate box of ordering format.



PANEL CUT-OUT



Standard

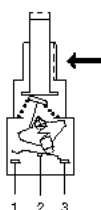


With K sealing option

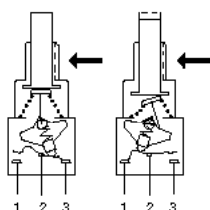


ELECTRICAL FUNCTIONS

→ KEYWAY



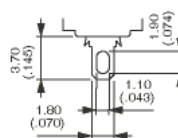
Funct. 6 (ON-ON)



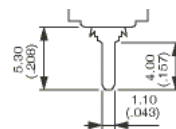
Funct. 2 (ON-MOM)



TERMINALS



Solder lug



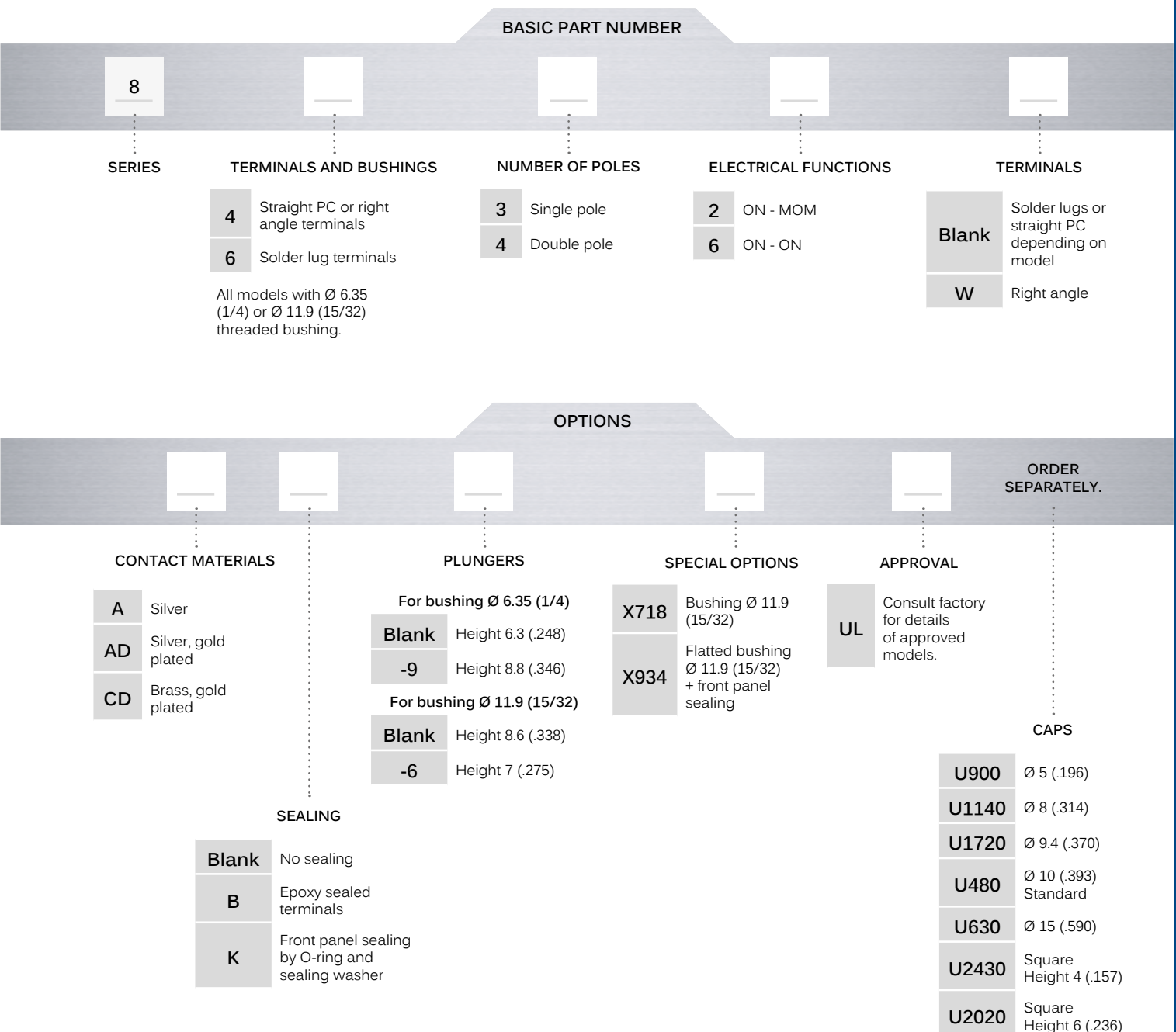
Straigh PC

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BUILD YOUR PART NUMBER



ABOUT THIS SERIES

On the following pages, you will find successively basic part numbers of switches and options in the same order as in above chart.

- ⚠ **Notice** : please note that not all combinations of above numbers are available. Refer to the following pages for further information.
- 💧 **Sealing boots** are available to protect the switches against dust and water. See "Sealing Boots" section of website.
- 🔩 **Mounting accessories** : standard hardware supplied with all models : 2 hex nuts 8 mm (.314) across flats, 1 locking ring and 1 lockwasher (Sealing option "K" : lockwasher not supplied). Standard and special hardware available is presented in the "Hardware" section of website.

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SOLDER LUG TERMINALS : 8600



Single pole

8632

8636



2-3

ON



1-2

MOM

Double pole

8642

8646



2-3

ON



1-2

MOM

5-6

4-5

ON

ON

STRAIGHT PC TERMINALS : 8400



Single pole

8432

8436



2-3

ON



1-2

MOM

Double pole

8442

8446



2-3

ON



1-2

MOM

5-6

4-5

ON

ON

RIGHT ANGLE TERMINALS HORIZONTAL : 8400W



Single pole

8432W

8436W



2-3

ON



1-2

MOM

Double pole

8442W

8446W



2-3

ON



1-2

MOM

5-6

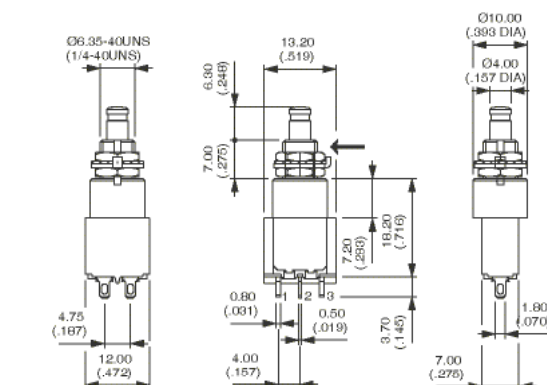
4-5

ON

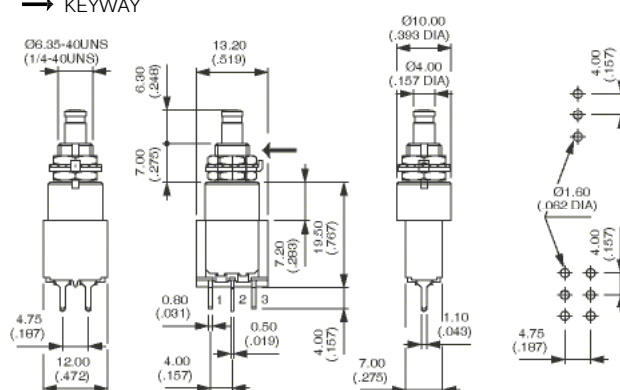
ON

→ KEYWAY

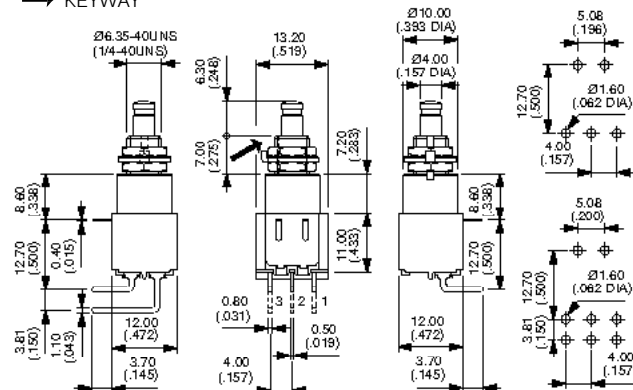
Shown with standard plunger



→ KEYWAY



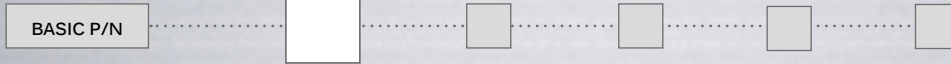
→ KEYWAY



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CONTACT MATERIALS

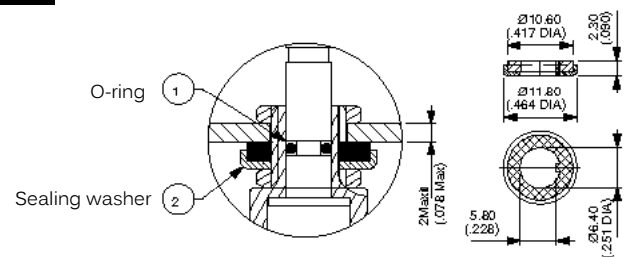


- A Silver
- AD Silver, gold plated
- CD Brass, gold plated

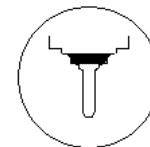
SEALING



- Blank No sealing
 - K Frontal sealing by O-ring and sealing washer. Protects the switch against water and dust. Panel seal withstands 1 bar pressure.
 - B Epoxy sealed terminals
 - KB Combined sealings
- Sealing boot : see "Sealing boots" section of website.

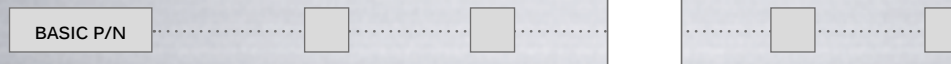


K



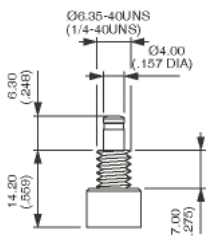
B

PLUNGERS

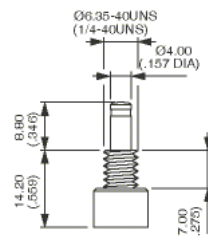


Dash compulsory before plunger code.

FOR Ø 6.35 (1/4) BUSHING

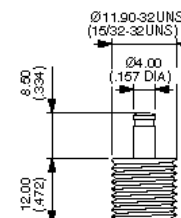


Blank
Standard

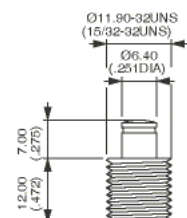


-9

FOR Ø 11.9 (15/32) BUSHING (X718 MODELS)



Blank
Standard



-6

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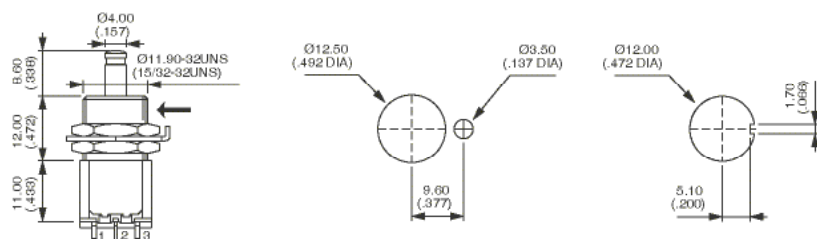
SPECIAL OPTIONS

BASIC P/N

- | | |
|-------------|--|
| X601 | Silver plated brass contacts
Current/voltage rating for an electrical life of 20,000 cycles : 0.5 A 30 VDC.
Minimum quantity : 5,000 pieces per model and shipment. |
| X718 | Bushing Ø 11.9 (15/32)
For all basic models (solder lug, straight PC or right angle terminals)
Available with plungers shown on previous page (Standard and -6)
K sealing option available. |
| X748 | Snap-in mounting. Consult factory.
Panel cut-out 15 x 12.5 (.59 x .492) |
| X934 | Flatted bushing Ø 11.9 (15/32) + sealing by two O-rings (for plunger -6 only).
Epoxy sealed terminals. |

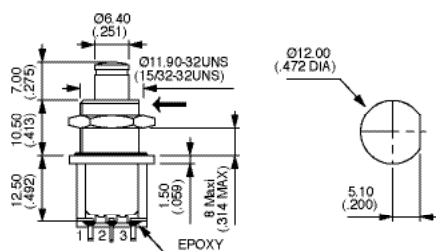
OPTION X718

→ KEYWAY



OPTION X934

→ KEYWAY



AGENCY APPROVAL

BASIC P/N

UL

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CAPS

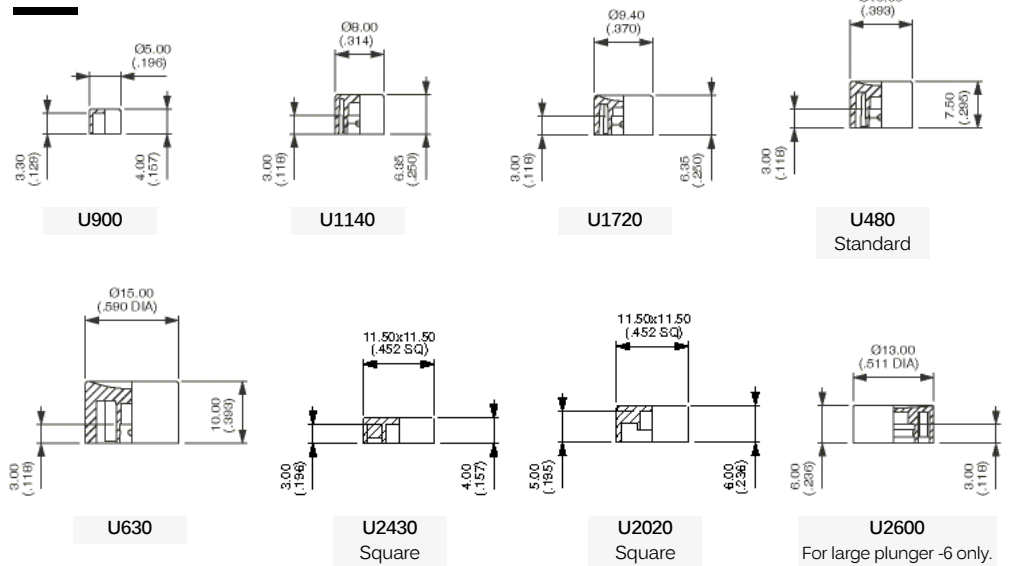
Order separately

The caps below are for Ø 4 mm plungers (standard and -9), except U2600.

Cap colors

Replace last "0" by number :

- | | |
|-----|-----------|
| 1 | Blue |
| 1/4 | Dark blue |
| 2 | Black |
| 3 | Green |
| 4 | Grey |
| 5 | Yellow |
| 6 | Red |
| 7 | Ivory |
| 7/1 | White |
| 9 | Orange |



DRESS NUTS

Order separately

Chrome plated.

