

9400-9600 series

Momentary pushbutton switches



DISTINCTIVE FEATURES

Two case lengths

Three electrical functions

Sealing options

Model X1146 with Ø 16 (.630) bushing



ELECTRICAL SPECIFICATIONS

- Max. current/voltage rating with resistive load :
 - silver contact (A) : 1 A 30 VDC
 - gold plated contacts (CD) : 100 mA 30 VDC
- Initial contact resistance : 50 mΩ max.
- Insulation resistance : 1,000 MΩ min. at 500 VDC
- Dielectric strength :
 - 1,000 Vrms 50 Hz min. between terminals
 - 1,500 Vrms 50 Hz min. between terminals and frame
- Electrical life : 250,000 cycles



GENERAL SPECIFICATIONS

- Total travel :

9600-9400-9400Y		9600N-9400N
Functions 3 and 5	Function 2	Function 3
1.3 mm	2 mm	0.9 mm

- Torque : 1.25 Nm (.922 Ft.lb) max. applied to nut
- Operating temperature : -30 °C to +65 °C (-22 °F to +149 °F)



MATERIALS

- Case : thermoplastic UL94-V0
- Actuator : polyamide, glass filled
- Bushing : brass, nickel plated
- Contacts :
 - A : silver
 - 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.

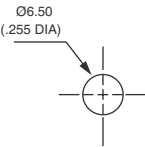


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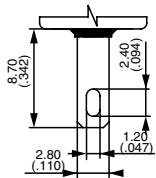
Momentary pushbutton switches



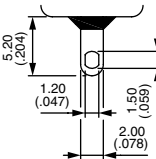
PANEL CUT-OUT



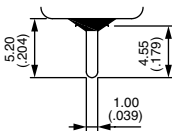
TERMINALS



9600Z1



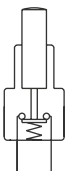
9600



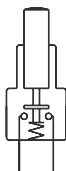
9400



ELECTRICAL FUNCTIONS



Function 2 (NC)



Function 3 (NO)



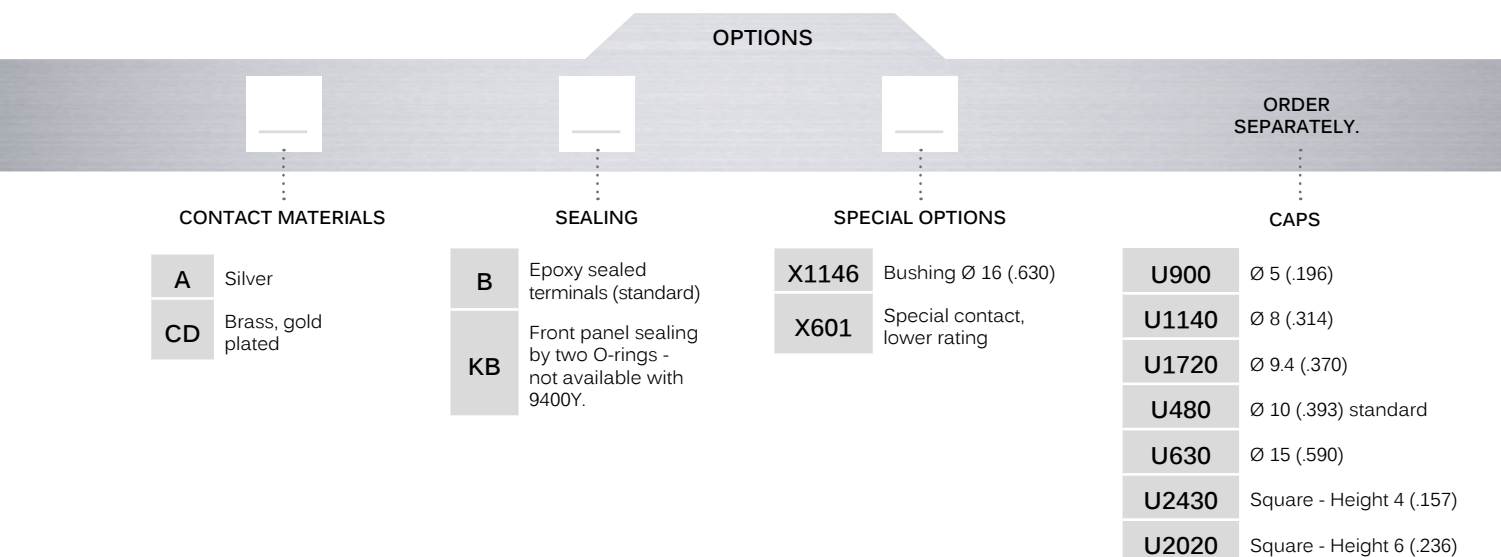
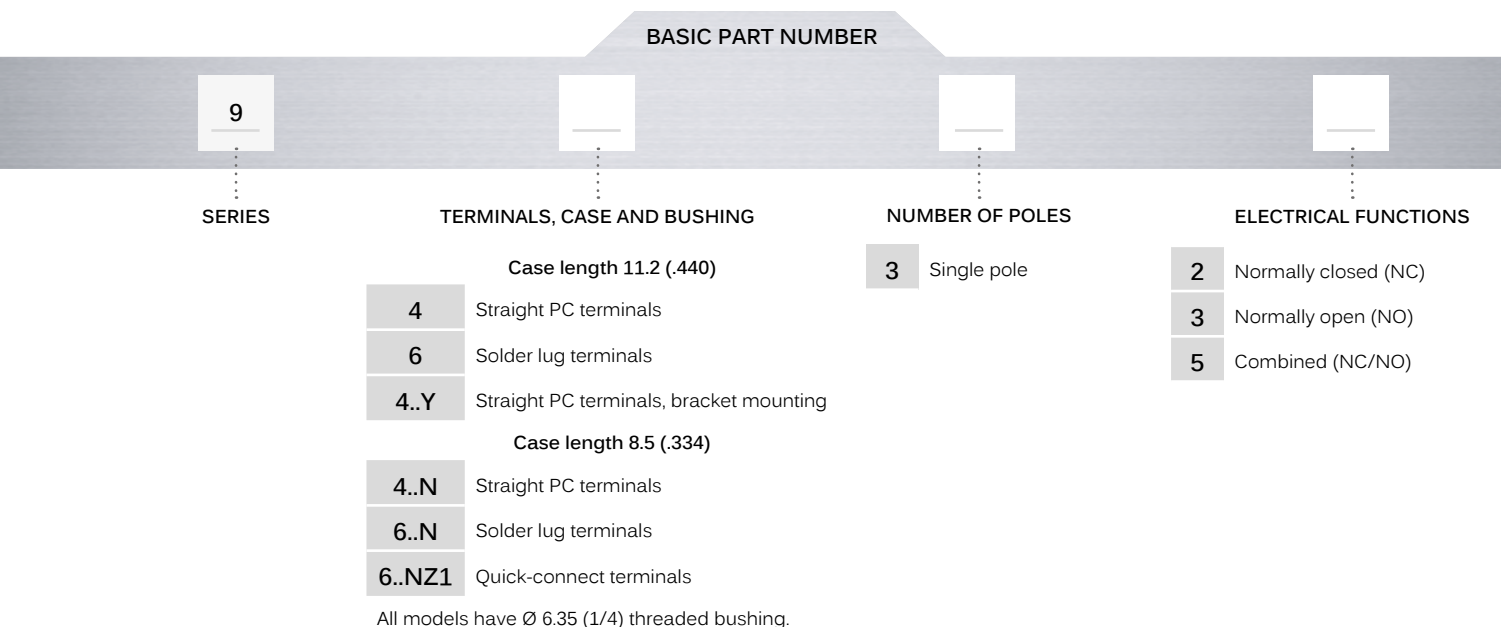
Function 5 (combined)

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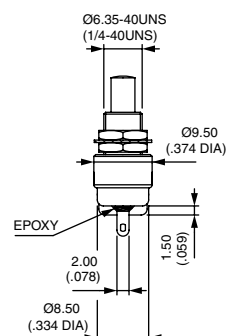
BUILD YOUR PART NUMBER



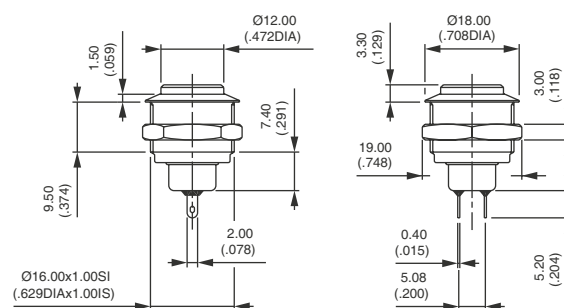
ABOUT THIS SERIES

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

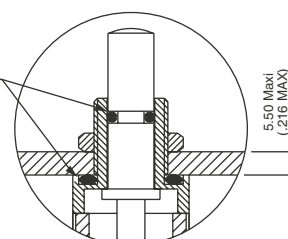
- Notice** : please note that not all combinations of above numbers are available. Refer to the following pages for further information.
- Sealing boots** are available to protect the switches against dust and water. See "Sealing Boots" section of website.
- Mounting accessories** : standard hardware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



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O-rings



5

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SPECIAL OPTIONS



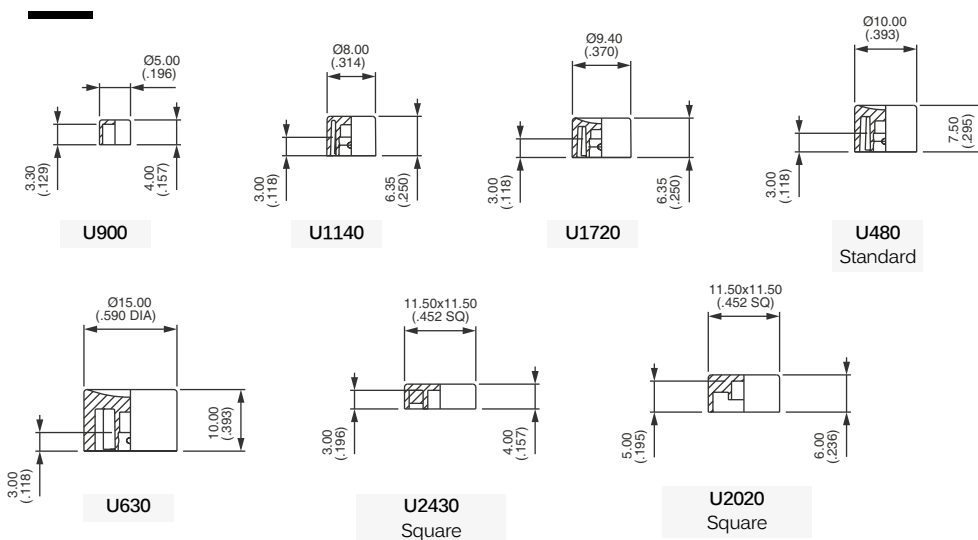
- X601** Silver plated brass contacts
Current/voltage rating for an electrical life of 20,000 cycles : 0.5 A 30 VDC.
Minimum quantity : 5,000 pieces per model and shipment.
- X1146** Model with dia. 16 (.630) bushing and metal plunger
See previous page.

CAPS

Order separately.

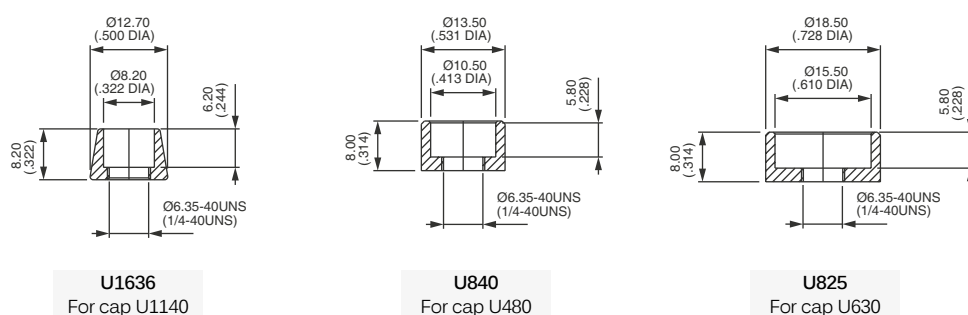
For cap colors,
replace last "0" by number :

- | | |
|-----|-----------|
| 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.



Mouser Electronics

Authorized Distributor

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

[Apem:](#)

[9432AB](#) [9432CDB](#) [9432YCDB](#) [9433AX1146](#) [9433CDB](#) [9433NCDB](#) [9435CDB](#) [9435YCDB](#) [9633ADX1146](#)
[9633AX1146](#) [9635AB](#) [9433AB](#) [9433AB+U907](#) [9433CD](#) [9433YA](#) [9632AB3](#) [9632CDB](#) [9633NAB3](#) [9633NAKB](#)
[9633NCDK](#) [9435AB](#)