Professional quick-break momentary pushbutton switches



54139002212

DISTINCTIVE FEATURES

PC and panel mount models Bushing Ø 6.35 (1/4) and 11.9 (15/32) UL and CECC approved



ELECTRICAL SPECIFICATIONS

- Max. current/voltage rating with resistive load :
- silver contacts (A-AD2) : 4 A 30 VDC
- gold plated contacts (CD) : 100 mA 30 V $\,$
- Minimum load (AD2-CD contacts) : 10 mA 50 mV, 10 µA 5 V min.
- Initial contact resistance : 10 m Ω max.
- Insulation resistance : 1,000 $\text{M}\Omega$ min. at 5 00VDC
- Dielectric strength : 1,000 Vrms 50 Hz min. between terminals
 2,000 Vrms 50 Hz min. between poles and between terminals and frame
- Contact bounce : 2 ms max.
- Electrical life :

Contacts	Max. current/voltage rating	Number of cycles
А	4 A 30 VDC	50,000
AD2	4 A 30 VDC (gold plating : 100 mA 30 VDC max.)	20,000
CD	100 mA 30 VDC	50,000
	Low level or mechanical life	150,000



GENERAL SPECIFICATIONS

- Torque : 1.25 Nm (.922 Ft.lb) max. applied to nut
- Standard panel thickness : 2 mm (.078) max.
- Total travel : 2 mm (.078)
- Operating temperature : -40 °C to +85 °C (-40 °F to +185 °F)

The company reserves the right to change specifications without notice.





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MATERIALS

- Case : diallylphthalate (DAP)
- Actuator : brass, nickel plated
- Bushing : brass, nickel plated
- Housing : brass, nickel plated
- Contacts :
- A: silver
- AD2 : silver, gold plated (2 micron gold) CD : brass, gold plated
- Terminal seal : epoxy

Note : AD2 contacts can be used for high level applications. In this case, the gold layer is considered only as a protection against oxidation during storage.



Upon request, each individual switch can be submitted to a low level run-in test of 50 or 250 cycles to ensure suitability for special applications requiring a very high level of reliability (military, space,etc.).

AGENCY APPROVALS



2 A 125 VAC/250 VAC



Designed to MIL specifications

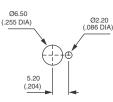
Availability:

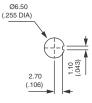
UL : all models with silver or gold plated silver contacts. CECC : consult factory for details of approved models. Marking : to order switches marked UL or CECC, complete appropriate box of ordering format.

TERMINALS ELECTRICAL FUNCTION KEYWAY



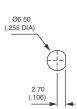
FOR Ø 6,35 (1/4) BUSHING





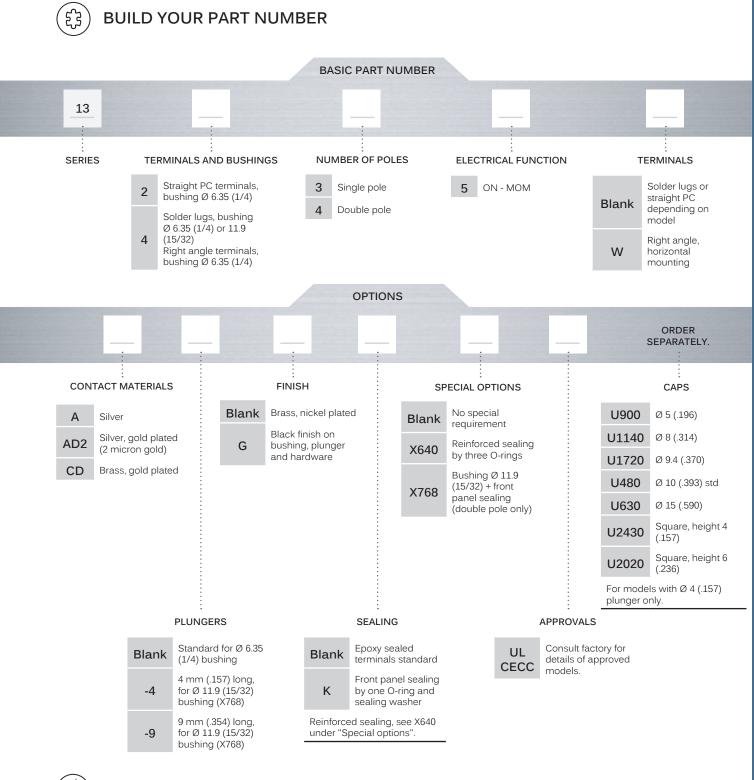


With K sealing option



With X640 sealing option

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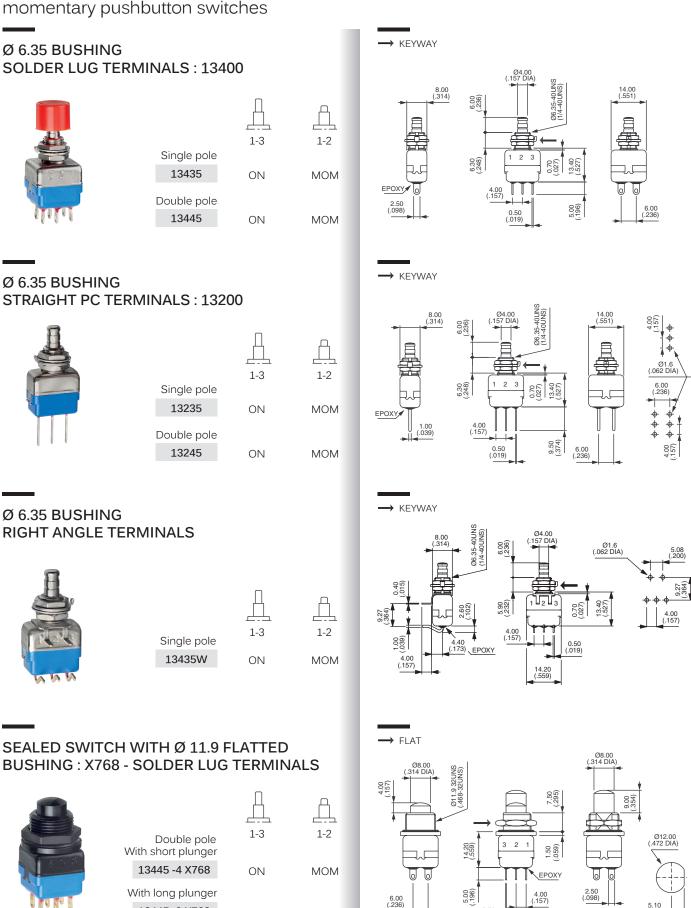


) ABOUT THIS SERIES

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.
- (b) Sealing boots are available to protect the switches against dust and water. See "Sealing Boots" section.
- 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 is presented in the "Hardware" section of website.

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5.10

Long (-9)

Chrome plated actuator.

Switch guard available for this model : see "Switch guards" section of website.

13445 -9 X768

ON

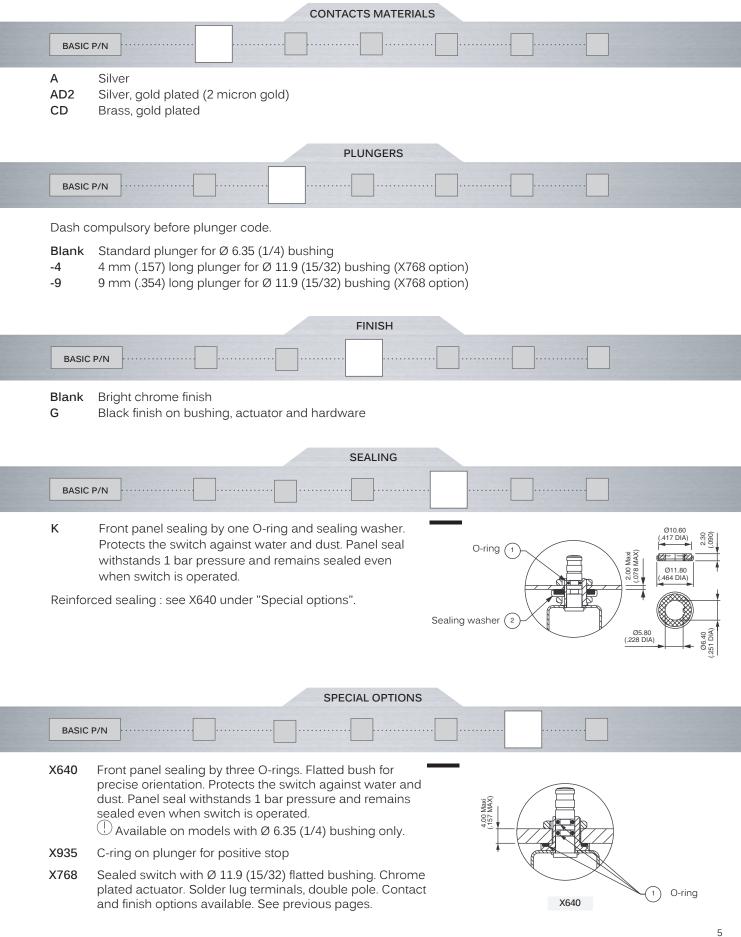
MOM

0.50 (.019)

Short (-4)

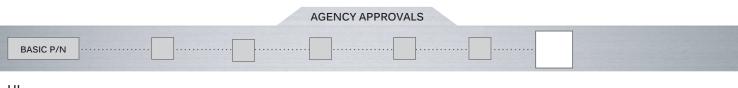
APEM

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APEN

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UL

PANEL SWITCHES

CECC CECC 96401-001

Blank No agency approval required.

Availability

UL : all models with silver or gold plated silver contacts CECC : consult factory for details of approved models.

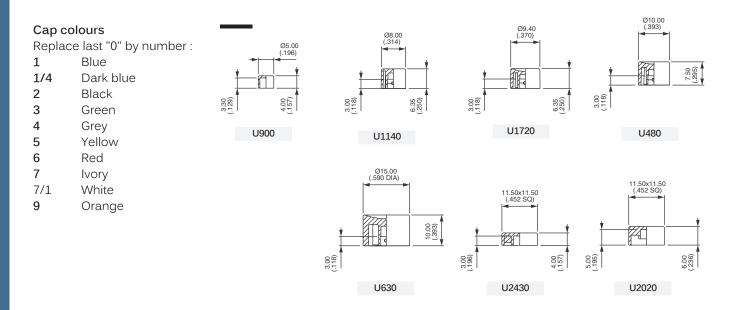
Marking

To order switches marked UL or CECC, please complete above box with desired approval.

CAPS

Order separately

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



Mouser Electronics

Authorized Distributor

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

Apem:

13435AD2K 13435AGX640 13435AX640 13445AK 13445AGX640 13445AGK 13435AD2G