8000 SERIES - MINI. MOMENTARY OR ALTERNATE ACTION PUSHBUTTON SWITCHES

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE





FEATURES

- **Single pole-double throw & double pole-double throw models.**
- **ON-MOM and ON-ON alternate actions .**
- **1/4-40 and 15/32-32 threaded bushing options.**
- **Panel and p.c. mounting models with compact miniature case size.**

SPECIFICATIONS

Contact ratings (resistive loads):	Gold plated brass: 0.4 Volt-Amps max. at 20 V (AC or DC) Silver: 3A 250VAC, 6A 125VAC or 4A 30VDC
Initial contact resistance:	10 milliohms maximum
Insulation resistance:	1000 megohms minimum at 500 VDC
Dielectric strength:	2000 V rms min. between terminals and frame. 1000 V rms between terminals.
Electrical life:	30,000 cycles minimum at full load.
Operating temperature range:	-40°C to +85°C
Travel:	Pre-travel - .086" (2.2mm) Over-travel - .019" (0.5mm) Total-travel - .106" (2.7mm)

MATERIALS

Contacts & Terminals:	Gold plated brass or gold plated silver
Actuator:	Nickel plated brass
Bushing:	Nickel plated brass
Housing:	Stainless steel
Case:	Diallyl phthalate
Terminal seal:	Epoxy
Hardware:	1/4" threaded bushing models supplied with 2 Hex Nuts .314" (8mm) across flats, 1 Locking Ring & 1 Lockwasher. See hardware section of catalog.

AGENCY LISTINGS

To order switches marked UL, specify in approvals box of Order Format.

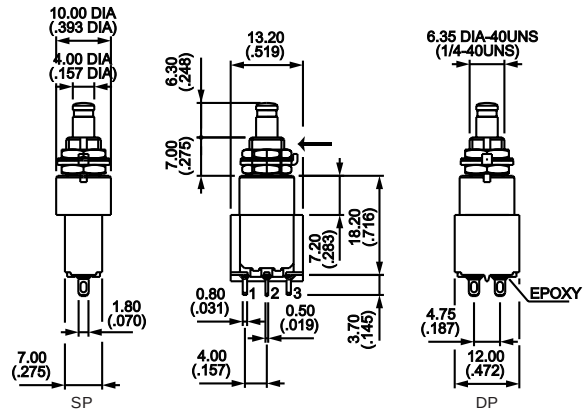
Solder lug terminals - 1/4" (6.35mm) bushing - silver contacts



Note: Cap shown must be ordered separately.

SINGLE POLE MODEL NO.	CIRCUIT	
8632AB	ON	MOM
8636AB	ON	ON
DOUBLE POLE MODEL NO.	**CIRCUIT**	
8642AB	ON	MOM
8646AB	ON	ON
Actuator position:		
Terms. connected:	2-3 5-6	1-2 4-5

Keyway



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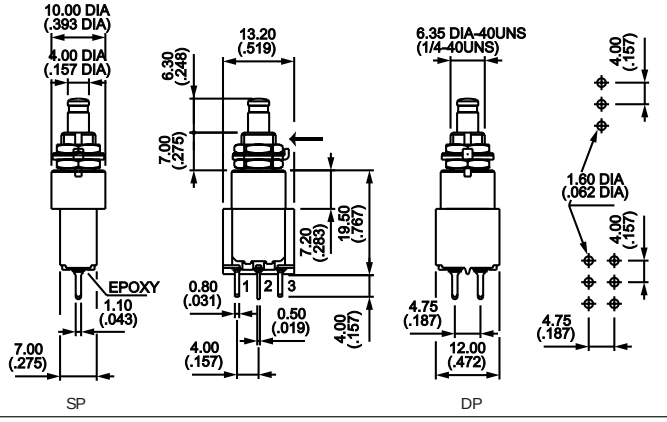
C

Straight p.c. terminals - 1/4" (6.35mm) bushing - silver contacts



SINGLE POLE MODEL NO.	CIRCUIT	
8432AB	ON	MOM
8436AB	ON	ON
DOUBLE POLE MODEL NO.	**CIRCUIT**	
8442AB	ON	MOM
8446AB	ON	ON
Actuator position:		
Terms. connected:	2-3	1-2
	5-6	4-5

Keyway

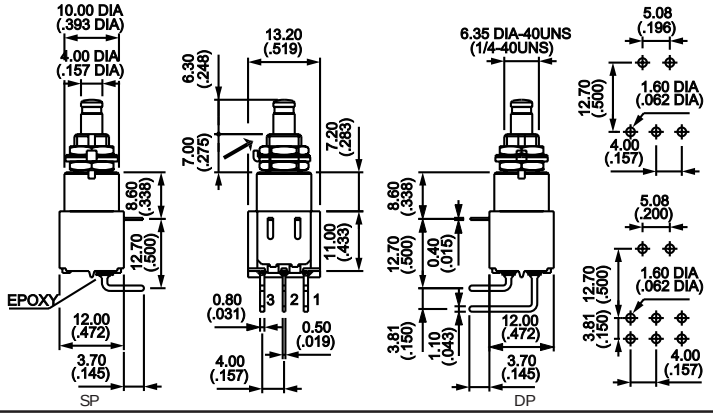


Horizontal right angle p.c. terminals - 1/4" (6.35mm) bushing - gold plated brass contacts



SINGLE POLE MODEL NO.	CIRCUIT	
8432WCDB	ON	MOM
8436WCDB	ON	ON
DOUBLE POLE MODEL NO.	**CIRCUIT**	
8442WCDB	ON	MOM
8446WCDB	ON	ON
Actuator position:		
Terms. connected:	2-3	1-2
	5-6	4-5

Keyway



Additional ordering information: Commonly ordered models are shown above with complete model numbers and specifications. Below is an order format that enables you to 'build your own switch' and specify the correct switch model number by simply selecting from all available options shown and filling in the boxes.

'BUILD YOUR OWN SWITCH' ORDER FORMAT

Fill in boxes with selections shown for **Model Structure**, then add **Options** selections for complete model number.
(Allowable options are shown under each respective box).
Note: 'NONE' indicates box may be left empty.

Model Structure:

Series	Terminals	Number of poles	Electrical functions	Terminals
8				
	4 Straight p.c. or right angle terminals **6** Solder lug terminals	**3** Single pole **4** Double pole	**2** ON - MOM **6** ON - ON	**(NONE)** Solder lug or straight p.c. **W** Right angle p.c.

Options:

Contact materials	Actuators	Sealing	Special options	
A Silver **A D** Silver, gold plated **C D** Brass, gold plated	For 1/4" (6.35mm) bushings **(NONE)** Height .248" (6.3mm) **9** Height .346" (8.8mm) For 15/32" (11.9mm) bushings **(NONE)** Height .338" (8.6mm) **6** Height .275" (7mm)	**(NONE)** No sealing **B** Epoxy sealed terminals **K** Front panel sealing with 'o'-ring & gasket	**(NONE)** **X 7 1 8** 15/32" (11.9mm) bushing **X 9 3 4** 15/32" (11.9mm) bushing & front panel sealing	**(NONE)** **U L**

Example of completely specified model number: **8432WCDB**

Caps available separately - see option drawings.

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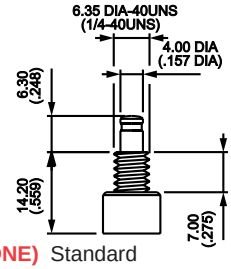
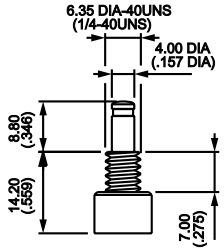
ACTUATOR OPTIONS

For 1/4" (6.35mm) bushing

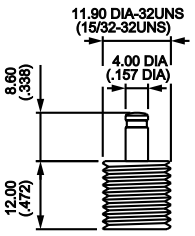


(NONE) Standard

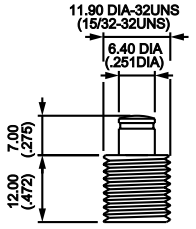


9

For 15/32" (11.9mm) bushing



(NONE) Standard

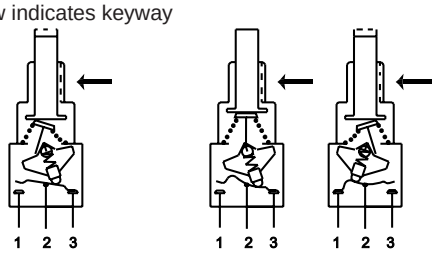


6

MISCELLANEOUS

SWITCH ACTION

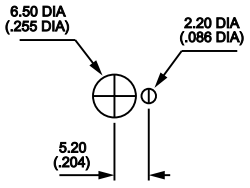
Arrow indicates keyway



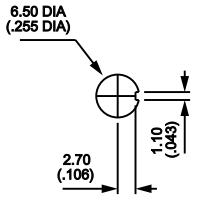
Function 6
(ON-ON)

Function 2
(ON-MOM)

PANEL CUT-OUTS



1/4" (6.35mm)
Standard (With locking ring)



1/4" (6.35mm)
with **K** option

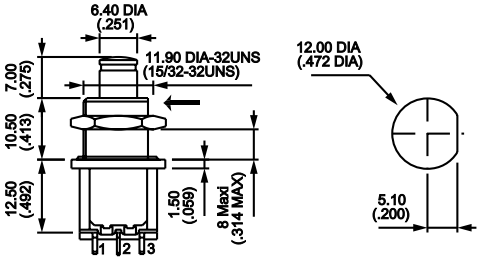
SPECIAL OPTIONS

F Tin plated terminals (for p.c. terminals only).

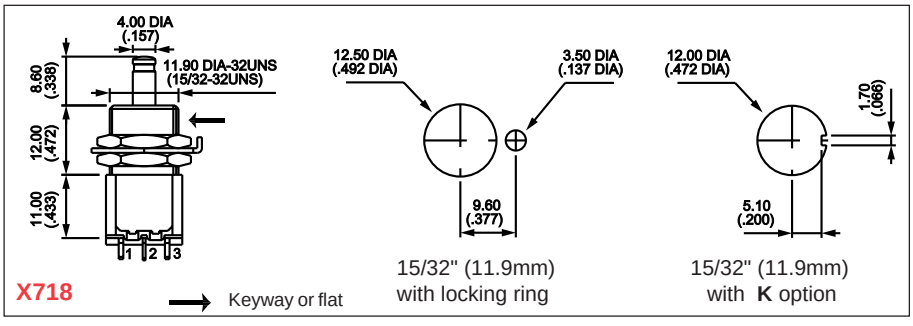
X601 Silver plated brass contacts. Contact ratings: 0.2A 250VAC, 0.4A 125VAC or 0.5A 30VDC. Electric life: 20,000 cycles min. Minimum quantity: 5,000 pieces.

X718 Bushing 15/32" (11.9mm). For all basic models (solder lug, straight p.c. or right angle p.c.terminals).
Available with actuators **13** & **6**. Sealing option **K** available.

X934 Flatted 15/32" (11.9mm) bushing and front panel sealing with 2 'o'-rings.



X934



X718

Keyway or flat

15/32" (11.9mm)
with locking ring

15/32" (11.9mm)
with **K** option

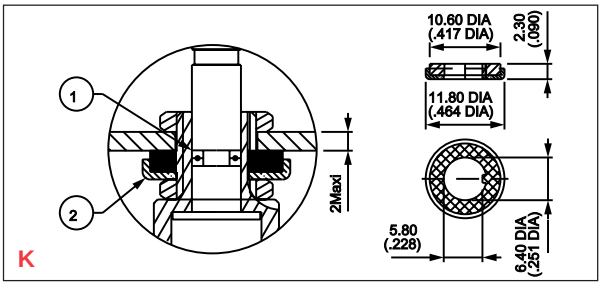
SEALING OPTIONS

(NONE) No sealing.

B Epoxy sealed terminals.

K Front panel sealing with'o'-ring and gasket.Protects against water and dust. Withstands 1 bar pressure when switch is operated.

KB Combined sealings (above).



K

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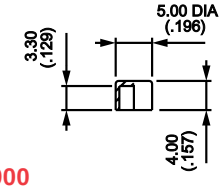
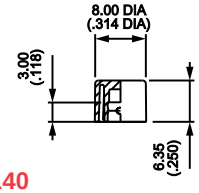
C

CAPS

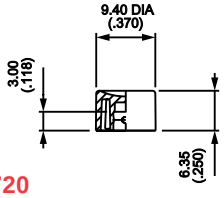
Note: replace last '0' in p/n with color code.



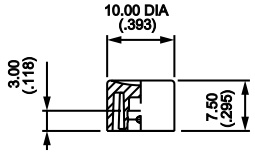
U900



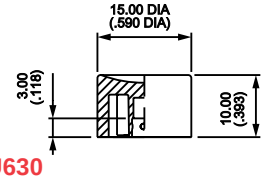
U1140



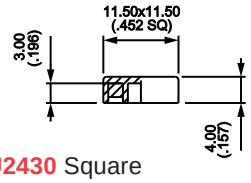
U1720



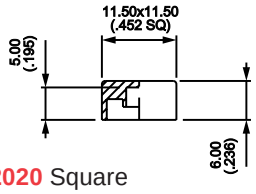
U480 Standard



U630



U2430 Square

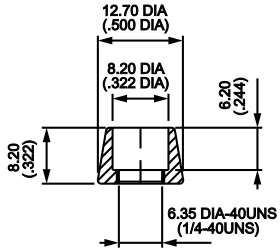


U2020 Square

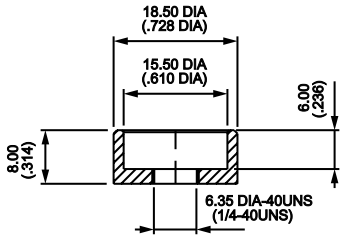
Colors

1	blue
2	black
3	green
4	grey
5	yellow
6	red
7/1	white
9	orange

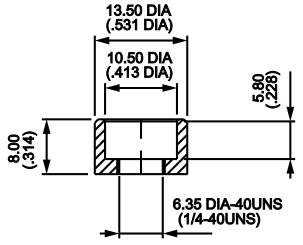
DRESS NUTS (chrome plated)



U1636 For cap U1140



U825 For cap U630



U840 For cap U480

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