

5000 series

Miniature toggle switches •
threaded bushing Ø 6.35 mm or plain bushing



DISTINCTIVE FEATURES

17 actuators including toggles, paddle levers and locking levers in different lengths.

Various contact materials for low and high currents.

7 functions including maintained and momentary versions.

1 to 4 pole configurations.

12 terminal types including 9 for PC board mounting.

Other types include quick-connect and wire-wrap.

Several bushing styles.

3 types of finish including military black.

3 approvals (UL - CSA - CECC).

4 types of sealing for terminal or front panel requirements.

Numerous accessories available.



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ELECTRICAL SPECIFICATIONS

- Current/voltage rating with resistive load :

Contact	Maximum	Minimum	Level*
Silver (A)	4 A 30 VDC	50 mA 10 VDC	III and IV
Silver, gold plated (AD)	4 A 30 VDC Gold plating withstands up to 100 mA 30 VDC	10 mA 50 mV 10 µA 5 V	I to IV
Brass, gold plated (CD)	0.4 VA at 20 VAC or DC	10 mA 50 mV 10 µA 5 V	I and II

*For details, see Technical Information on website.

- For inductive, lamp or capacitive load, consult factory.
- 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
1,500 Vrms 50 Hz min. between poles
1,500 Vrms 50 Hz min. between terminals and frame
- Contact bounce : 2 ms max.
- Electrical life at full load :
50,000 cycles for single and double pole
40,000 cycles for 3 pole
30,000 cycles for 4 pole
- Low level or mechanical life : 100,000 cycles



GENERAL SPECIFICATIONS

- Torque : 1.25 Nm (.922 Ft.lb) max. applied to nut
- Panel thickness : 2.5 mm (.098) with 2 nuts - 4 mm (.157) with 1 nut
- Operating temperature : -40 °C to +85 °C (-40 °F to +185 °F)



MATERIALS

- Case : diallylphthalate (DAP) or high temperature plastic material (UL94-V0)
- Actuator : brass, nickel plated
- Paddles : UL94HB polyamide
- Lever caps : vinyl
- Bushing : brass, nickel plated
- Housing : stainless steel or steel tin plated
- Contacts
A : silver
AD : silver, gold plated
CD : brass, gold plated
X814 : for peak currents, see "Special options".
- Terminal seal : epoxy

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

AGENCY APPROVALS



CECC 96201-007

3 A 250 VAC, 6 A 125 VAC

For VDE, refer to 55000 series.

NATO

Availability : consult factory for details of approved models.

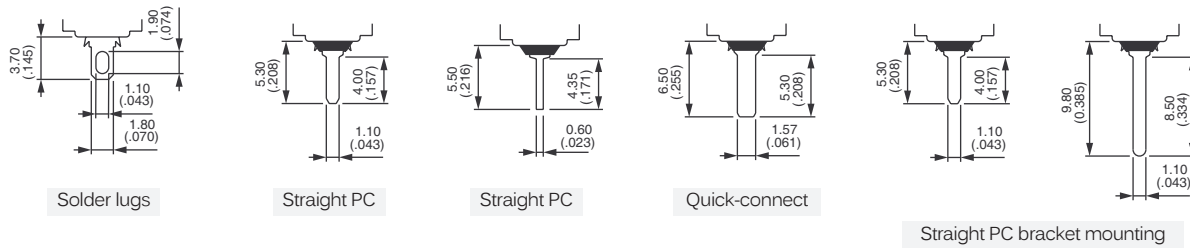
Marking : to order switches marked UL, CSA or CECC, complete appropriate box of ordering format. The preferential list does not appear on the switches.

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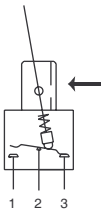


TERMINALS

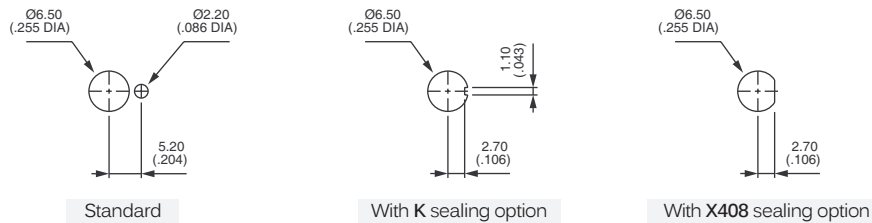


ELECTRICAL FUNCTION

→ KEYWAY

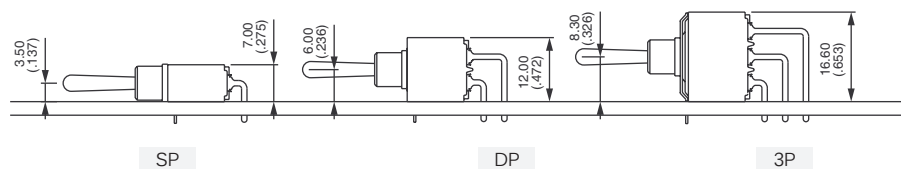


PANEL CUT-OUT

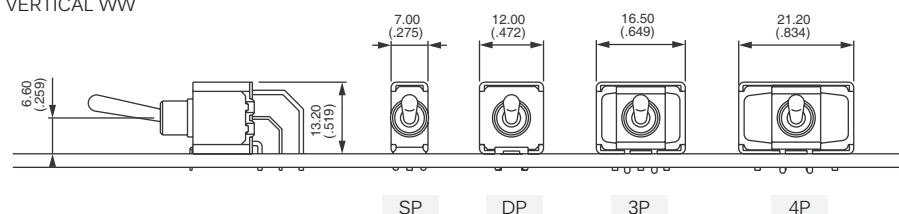


PCB MOUNTING FOR RIGHT ANGLE TERMINAL MODELS

HORIZONTAL W



VERTICAL WW



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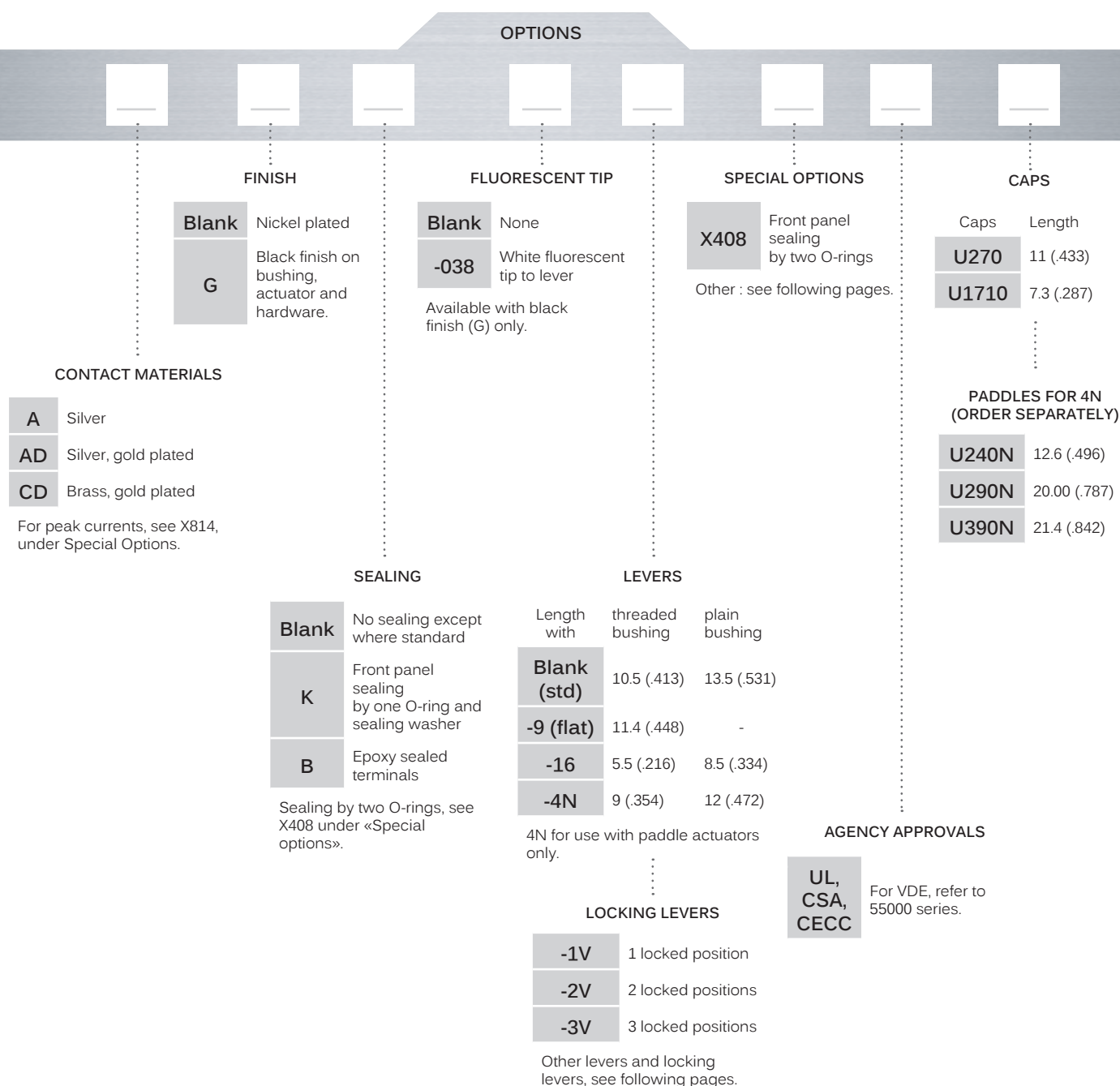


BUILD YOUR PART NUMBER

BASIC PART NUMBER

5 SERIES	 NUMBER OF POLES	 TERMINALS	 MOMENTARY FOR FUNCTION 4	 TERMINALS AND BUSHINGS	 ELECTRICAL FUNCTIONS	 CONNECTIONS FOR FUNCTION 4																																																																		
	<table border="0"> <tr><td style="background-color: #cccccc; padding: 2px 5px;">3</td><td>Single pole</td></tr> <tr><td style="background-color: #cccccc; padding: 2px 5px;">4</td><td>Double pole</td></tr> <tr><td style="background-color: #cccccc; padding: 2px 5px;">5</td><td>Three pole</td></tr> <tr><td style="background-color: #cccccc; padding: 2px 5px;">6</td><td>Four pole</td></tr> </table>	3	Single pole	4	Double pole	5	Three pole	6	Four pole	<table border="0"> <tr><td style="background-color: #cccccc; padding: 2px 5px;">Blank</td><td>Solder lugs or straight PC depending on model</td></tr> <tr><td style="background-color: #cccccc; padding: 2px 5px;">W</td><td>Right angle, horizontal mounting (5200 - 5400 switches)</td></tr> <tr><td style="background-color: #cccccc; padding: 2px 5px;">WW</td><td>Right angle, vertical mounting (5200 - 5400 switches)</td></tr> <tr><td style="background-color: #cccccc; padding: 2px 5px;">Y•</td><td>Bracket mounting (5200 switches)</td></tr> <tr><td style="background-color: #cccccc; padding: 2px 5px;">Z</td><td>Quick-connect (5200 - 5900 switches)</td></tr> </table>	Blank	Solder lugs or straight PC depending on model	W	Right angle, horizontal mounting (5200 - 5400 switches)	WW	Right angle, vertical mounting (5200 - 5400 switches)	Y•	Bracket mounting (5200 switches)	Z	Quick-connect (5200 - 5900 switches)	<table border="0"> <tr><td style="background-color: #cccccc; padding: 2px 5px;">1R</td><td>ON ON MOM</td></tr> <tr><td style="background-color: #cccccc; padding: 2px 5px;">2R</td><td>MOM ON MOM</td></tr> </table>	1R	ON ON MOM	2R	MOM ON MOM	<table border="0"> <tr><td style="background-color: #cccccc; padding: 2px 5px;">0</td><td>Straight PC terminals, 5.08 (.200) terminal spacing</td></tr> <tr><td style="background-color: #cccccc; padding: 2px 5px;">2</td><td>Straight PC terminals, 4.70 (.185) terminal spacing, right angle or quick-connect</td></tr> <tr><td style="background-color: #cccccc; padding: 2px 5px;">4</td><td>Straight PC terminals, 4 (.157) terminal spacing or right angle terminals</td></tr> <tr><td style="background-color: #cccccc; padding: 2px 5px;">6</td><td>Solder lug terminals</td></tr> <tr><td style="background-color: #cccccc; padding: 2px 5px;">7</td><td>Solder lug terminals, with flatted bushing</td></tr> <tr><td style="background-color: #cccccc; padding: 2px 5px;">9</td><td>Straight PC or quick-connect terminals, with flatted bushing, 4.70 (.185) terminal spacing</td></tr> </table> Bushing Ø 6 (.236) x 0.75 IS also available as standard.	0	Straight PC terminals, 5.08 (.200) terminal spacing	2	Straight PC terminals, 4.70 (.185) terminal spacing, right angle or quick-connect	4	Straight PC terminals, 4 (.157) terminal spacing or right angle terminals	6	Solder lug terminals	7	Solder lug terminals, with flatted bushing	9	Straight PC or quick-connect terminals, with flatted bushing, 4.70 (.185) terminal spacing	<table border="0"> <tr><td style="background-color: #cccccc; padding: 2px 5px;">6</td><td>ON</td><td>-</td><td>ON</td></tr> <tr><td style="background-color: #cccccc; padding: 2px 5px;">9</td><td>ON</td><td>OFF</td><td>ON</td></tr> <tr><td style="background-color: #cccccc; padding: 2px 5px;">7</td><td>MOM</td><td>OFF</td><td>MOM</td></tr> <tr><td style="background-color: #cccccc; padding: 2px 5px;">8</td><td>ON</td><td>OFF</td><td>MOM</td></tr> <tr><td style="background-color: #cccccc; padding: 2px 5px;">4</td><td>ON</td><td>ON</td><td>ON</td></tr> <tr><td></td><td>ON</td><td>ON</td><td>MOM ▲</td></tr> <tr><td></td><td>MOM</td><td>ON</td><td>MOM ▲</td></tr> </table> Function 4 Must not have blank in «connections» box. ▲ Must not have blank in «momentary» box.	6	ON	-	ON	9	ON	OFF	ON	7	MOM	OFF	MOM	8	ON	OFF	MOM	4	ON	ON	ON		ON	ON	MOM ▲		MOM	ON	MOM ▲	<table border="0"> <tr><td style="background-color: #cccccc; padding: 2px 5px;">TH</td><td>Standard</td></tr> <tr><td style="background-color: #cccccc; padding: 2px 5px;">CT</td><td>Reversed</td></tr> </table> For functions 4, 4-1R, 4-2R (leave blank for all other functions). Wiring diagrams, see Technical information on website.	TH	Standard	CT	Reversed
3	Single pole																																																																							
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Miniature toggle switches • threaded bushing Ø 6.35 mm or plain bushing



 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. See "Sealing Boots" section of website.
- 🔧 **Mounting accessories** : standard hardware supplied with all models with Ø 6.35 (1/4) or Ø 6 (.236) threaded bushing : 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.

5000 series

Miniature toggle switches •
threaded bushing Ø 6.35 mm

SOLDER LUG TERMINALS SINGLE POLE



	III 2-3	II	I 1-2
5636	ON	-	ON
5639	ON	OFF	ON
5637	MOM	OFF	MOM
5638	ON	OFF	MOM

**SOLDER LUG TERMINALS
DOUBLE POLE**



	III 2-3 5-6	II	I 1-2 4-5
5646	ON	-	ON
5649	ON	OFF	ON
5647	MOM	OFF	MOM
5648	ON	OFF	MOM
5644*	ON	ON	ON
5644 1R*	ON	ON	MOM
5644 2R*	MOM	ON	MOM

**SOLDER LUG TERMINALS
THREE POLE**



	III	II	I
	2-3		1-2
	5-6		4-5
	8-9		7-8
5656	ON	-	ON
5659	ON	OFF	ON
5657	MOM	OFF	MOM
5658	ON	OFF	MOM

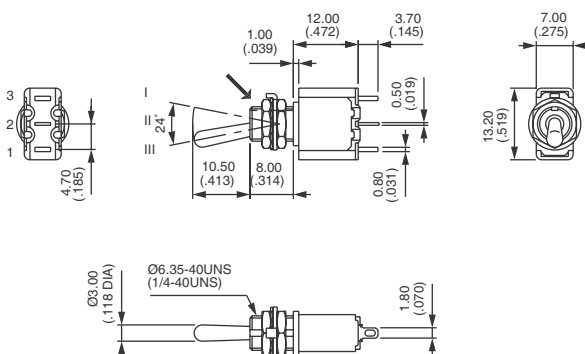
SOLDER LUG TERMINALS
FOUR POLE



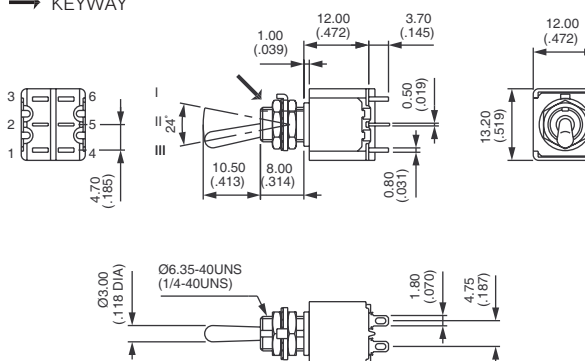
	III	II	I
	2-3		1-2
	5-6		4-5
	8-9		7-8
	11-12		10-11
5666	ON	-	ON
5669	ON	OFF	ON
5667	MOM	OFF	MOM
5668	ON	OFF	MOM
5664*	ON	ON	ON
5664 1R*	ON	ON	MOM
5664 2R*	MOM	ON	MOM

→ KEYWAY

Shown with standard lever

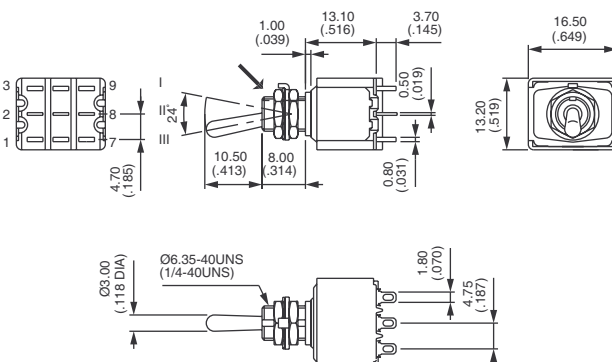


→ KEYWAY

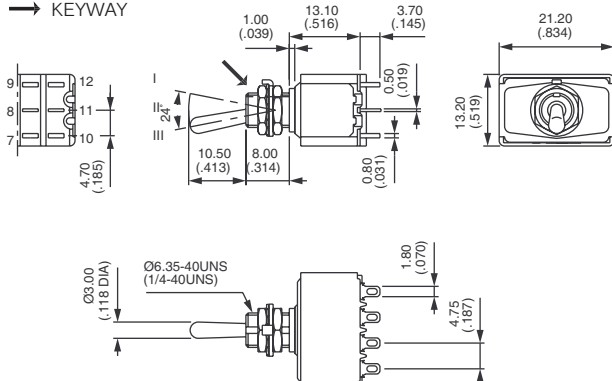


* Function 4 : SP in DP case - specify CT or TH connections.

→ KEYWAY



→ KEYWAY



* Function 4 : DP in 4P case - specify CT or TH connections.

All models above also available with flatted bushing : **5700** or with dia. 6 mm x 0.75 SI (.236 x 0.75 IS) : **5500**.

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STRAIGHT PC TERMINALS - SPACING 4.7 (.185) SINGLE POLE



	III 2-3	II	I 1-2
5236 B	ON	-	ON
5239 B	ON	OFF	ON
5237 B	MOM	OFF	MOM
5238 B	ON	OFF	MOM

STRAIGHT PC TERMINALS - SPACING 4.7 (.185) DOUBLE POLE



	III 2-3 5-6	II	I 1-2 4-5
5246 B	ON	-	ON
5249 B	ON	OFF	ON
5247 B	MOM	OFF	MOM
5248 B	ON	OFF	MOM
5244 B*	ON	ON	ON
5244 1R B*	ON	ON	MOM
5244 2R B*	MOM	ON	MOM

STRAIGHT PC TERMINALS - SPACING 4.7 (.185) THREE POLE



	III 2-3 5-6 8-9	II	I 1-2 4-5 7-8
5256 B	ON	-	ON
5259 B	ON	OFF	ON
5257 B	MOM	OFF	MOM
5258 B	ON	OFF	MOM

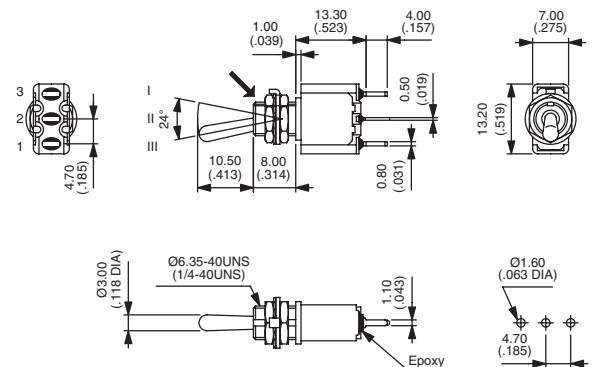
STRAIGHT PC TERMINALS - SPACING 4.7 (.185) FOUR POLE



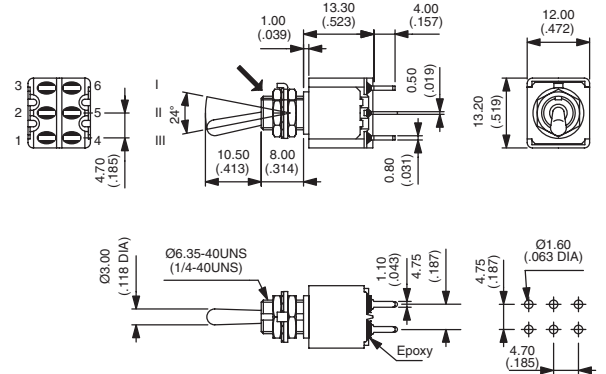
	III 2-3 5-6 8-9 11-12	II	I 1-2 4-5 7-8 10-11
5266 B	ON	-	ON
5269 B	ON	OFF	ON
5267 B	MOM	OFF	MOM
5268 B	ON	OFF	MOM
5264 B*	ON	ON	ON
5264 1R B*	ON	ON	MOM
5264 2R B*	MOM	ON	MOM

→ KEYWAY

Shown with standard lever

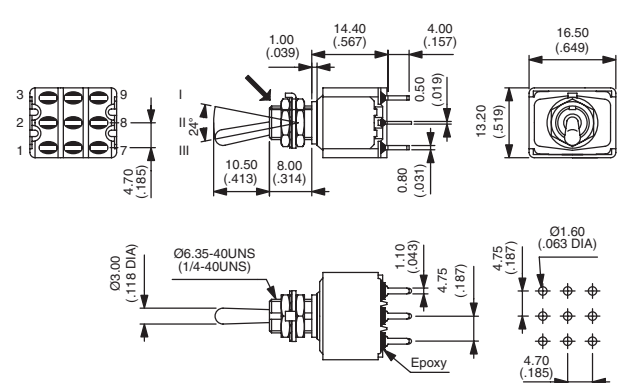


→ KEYWAY

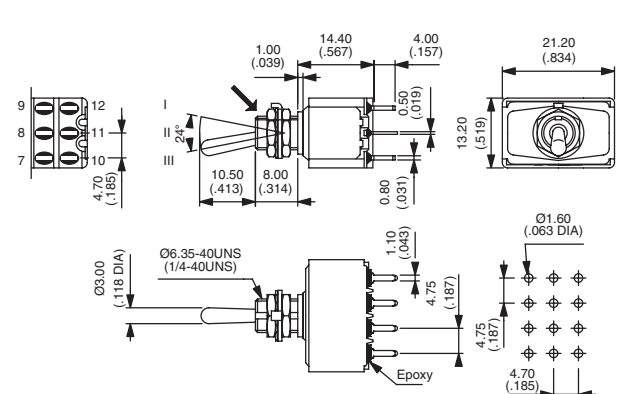


* Function 4 : SP in DP case - specify CT or TH connections.

→ KEYWAY



→ KEYWAY



* Function 4 : SP in DP case - specify CT or TH connections.

All models above : Epoxy sealed terminals standard (B).

All models above also available with flatted bushing : 5900 or with terminal spacing 4 mm (.157) : 5400.

5000 series

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STRAIGHT PC TERMINALS SPACING 5.08 (.200)



	Single pole	Double pole	III 2-3 5-6	II -	I 1-2 4-5
5036 B		5046 B	ON	-	ON
5039 B		5049 B	ON	OFF	ON
5037 B		5047 B	MOM	OFF	MOM
5038 B		5048 B	ON	OFF	MOM
		5044* B	ON	ON	ON
		5044 1R* B	ON	ON	MOM
		5044 2R* B	MOM	ON	MOM

Epoxy sealed terminals standard (B).

QUICK-CONNECT TERMINALS SINGLE POLE



	III 2-3	II -	I 1-2
5236Z B	ON	-	ON
5239Z B	ON	OFF	ON
5237Z B	MOM	OFF	MOM
5238Z B	ON	OFF	MOM

Single and double pole models also available with flatted bushing : 5900Z.
Epoxy sealed terminals standard (B).

QUICK-CONNECT TERMINALS DOUBLE POLE



	III 2-3 5-6	II -	I 1-2 4-5
5246Z B	ON	-	ON
5249Z B	ON	OFF	ON
5247Z B	MOM	OFF	MOM
5248Z B	ON	OFF	MOM
5244Z* B	ON	ON	ON
5244Z 1R* B	ON	ON	MOM
5244Z 2R* B	MOM	ON	MOM

Epoxy sealed terminals standard (B).

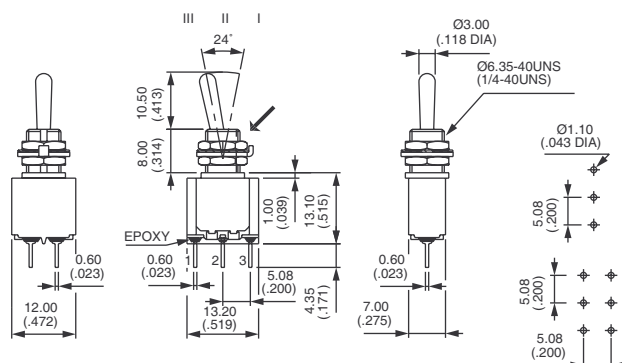
RIGHT ANGLE TERMINALS - HORIZONTAL SINGLE POLE



	III 2-3	II -	I 1-2
5236W	ON	-	ON
5239W	ON	OFF	ON
5237W	MOM	OFF	MOM
5238W	ON	OFF	MOM

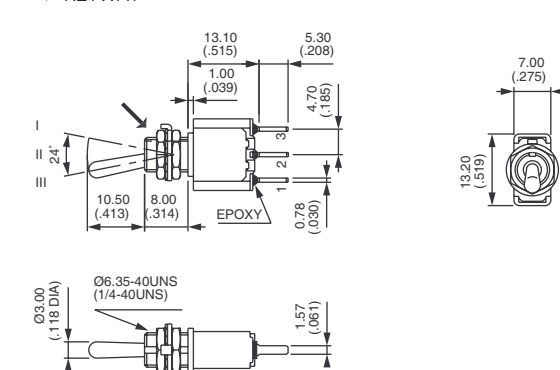
Also available with terminal spacing 4 mm (.157) instead of 4.7 (.185) : 5400W.

→ KEYWAY

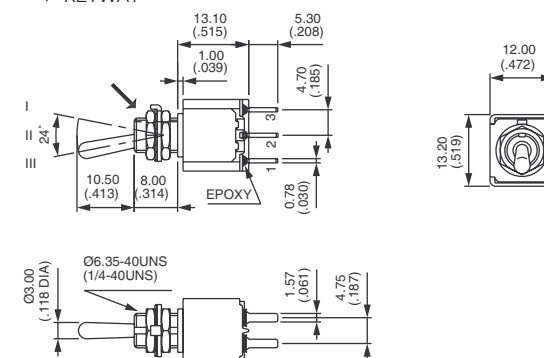


* Function 4 : SP in DP case - specify CT or TH connections.

→ KEYWAY

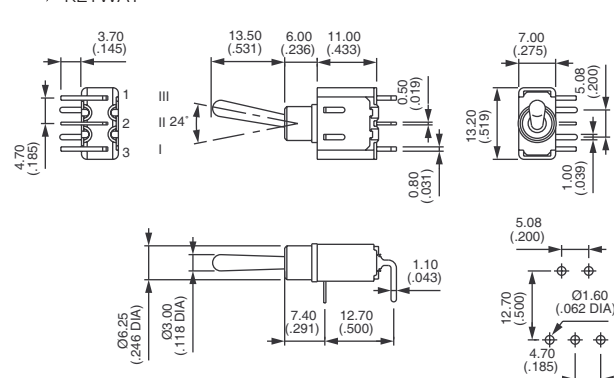


→ KEYWAY



* Function 4 : SP in DP case - specify CT or TH connections.

→ KEYWAY



Miniature toggle switches • plain bushing

Also available with terminal spacing 4 mm (.157) instead of 4.7 (.185): **5400W**.

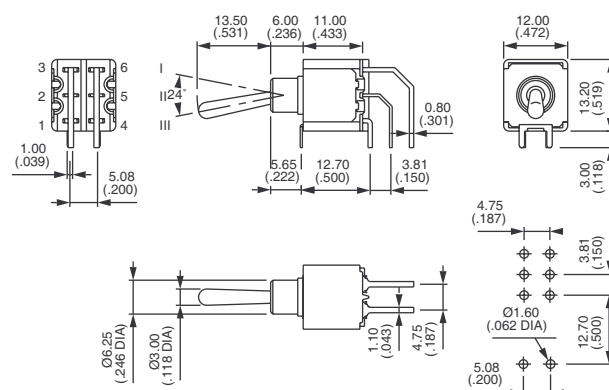
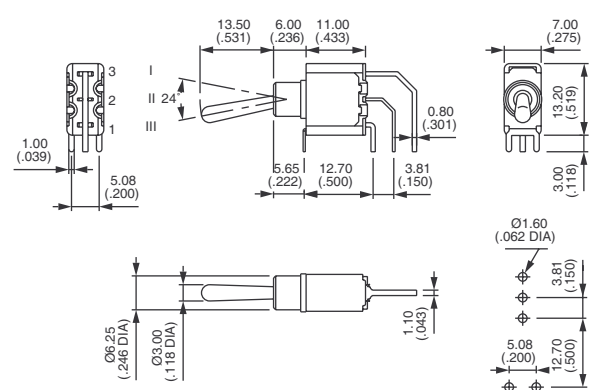
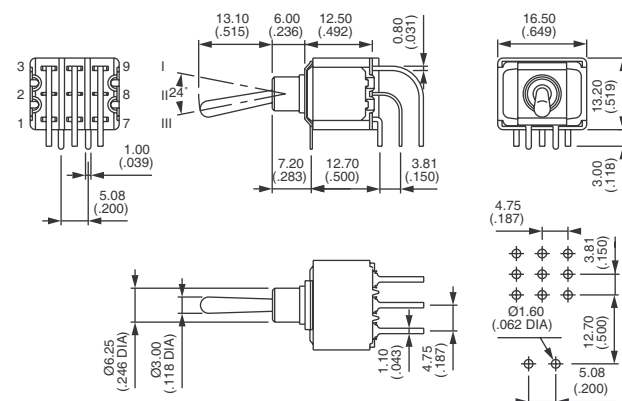
RIGHT ANGLE TERMINALS - VERTICAL SINGLE POLE



RIGHT ANGLE TERMINALS - VERTICAL
DOUBLE POLE

[illegible]

* Function 4 : SP in DP case - specify CT or TH connections.



Also available with pin spacing 2.54 mm (.100) instead of 3.81 mm (.150) : **5400WW**

5000 series

Miniature toggle switches •
plain bushing

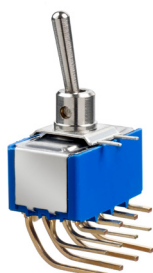
RIGHT ANGLE TERMINALS - VERTICAL THREE POLE



	III	II	I
2-3			1-2
5-6			4-5
8-9			7-8
5256WW	ON	-	ON
5259WW	ON	OFF	ON
5257WW	MOM	OFF	MOM
5258WW**	ON	OFF	MOM

** Functions 2 and 8 : reversed connection available, consult factory.

RIGHT ANGLE TERMINALS - VERTICAL FOUR POLE



	III	II	I
2-3			1-2
5-6			4-5
8-9			7-8
11-12			10-11
5266WW	ON	-	ON
5269WW	ON	OFF	ON
5267WW	MOM	OFF	MOM
5268WW**	ON	OFF	MOM
5264WW*	ON	ON	ON
5264WW 1R*	ON	ON	MOM
5264WW 2R*	MOM	ON	MOM

Vertical right angle models above also available with terminal spacing 2.54 mm (.100) instead of 3.81 mm (.150) : 5400WW.

SHORT BRACKET - WIDTH 15.75 (.620) SINGLE POLE



	III	II	I
2-3			1-2
5236Y B	ON	-	ON
5239Y B	ON	OFF	ON
5237Y B	MOM	OFF	MOM
5238Y B	ON	OFF	MOM

Epoxy sealed terminals standard (B).

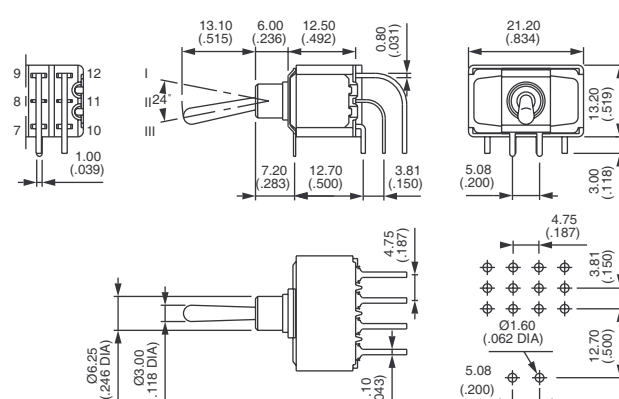
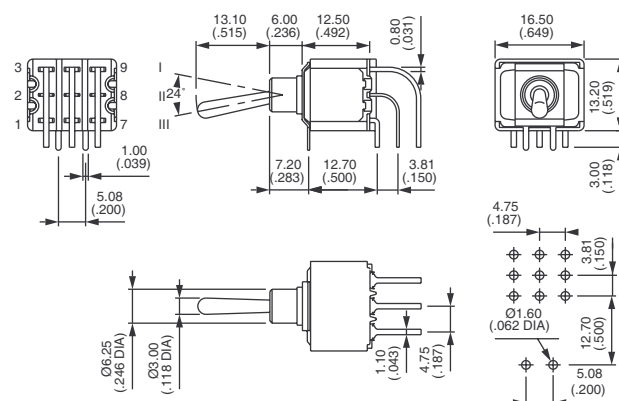
SHORT BRACKET - WIDTH 15.75 (.620) DOUBLE POLE



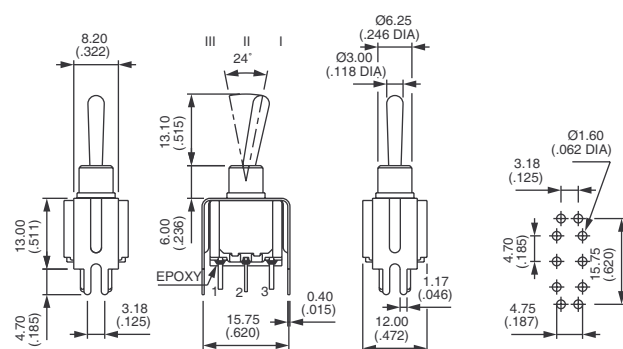
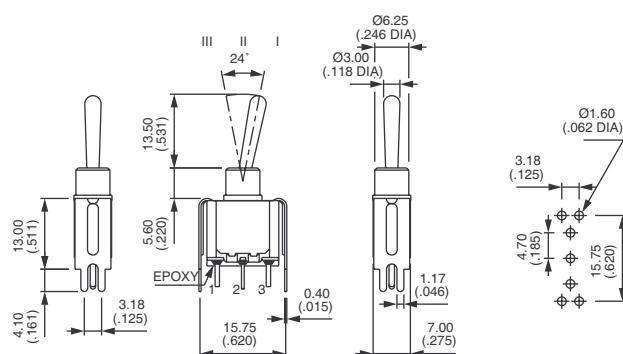
	III	II	I
2-3			1-2
5-6			4-5
5246Y B	ON	-	ON
5249Y B	ON	OFF	ON
5247Y B	MOM	OFF	MOM
5248Y B	ON	OFF	MOM
5244Y B*	ON	ON	ON
5244Y 1R B*	ON	ON	MOM
5244Y 2R B*	MOM	ON	MOM

Epoxy sealed terminals standard (B).

Shown with standard lever



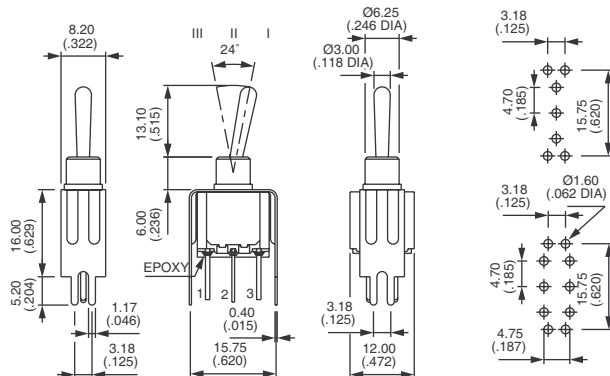
* Function 4 : SP in DP case, DP in 4P case - specify CT or TH connections.



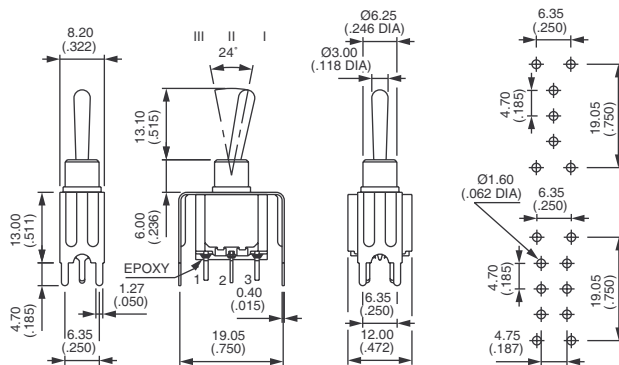
*Function 4 : SP in DP case - specify CT or TH connections.

Miniature toggle switches • plain bushing

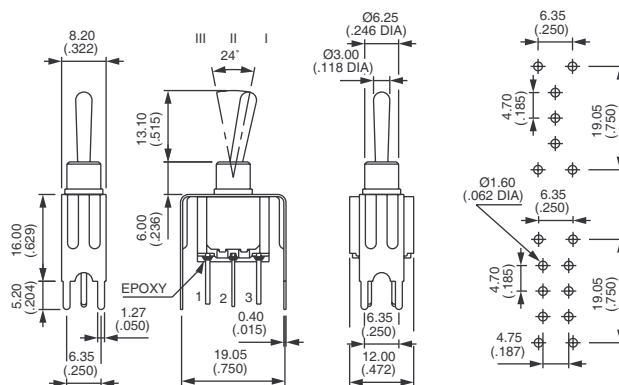
		III	II	I
		2-3		1-2
Single pole	Double pole	5-6		4-5
5236Y4 B	5246Y4 B	ON	-	ON
5239Y4 B	5249Y4 B	ON	OFF	ON
5237Y4 B	5247Y4 B	MOM	OFF	MOM
5238Y4 B	5248Y4 B	ON	OFF	MOM
	5244Y4 B*	ON	ON	ON
	5244Y4 1R B*	ON	ON	MOM
	5244Y4 2R B*	MOM	ON	MOM



		III	II	I
Single pole	Double pole	2-3		1-2
		5-6		4-5
5236Y6 B	5246Y6 B	ON	-	ON
5239Y6 B	5249Y6 B	ON	OFF	ON
5237Y6 B	5247Y6 B	MOM	OFF	MOM
5238Y6 B	5248Y6 B	ON	OFF	MOM
	5244Y6 B*	ON	ON	ON
	5244Y6 1R B*	ON	ON	MOM
	5244Y6 2R B*	MOM	ON	MOM



		III 2-3 5-6	II	I 1-2 4-5
Single pole	Double pole			
5236Y7 B	5246Y7 B	ON	-	ON
5239Y7 B	5249Y7 B	ON	OFF	ON
5237Y7 B	5247Y7 B	MOM	OFF	MOM
5238Y7 B	5248Y7 B	ON	OFF	MOM
	5244Y7 B*	ON	ON	ON
	5244Y7 1R B*	ON	ON	MOM
	5244Y7 2R B*	MOM	ON	MOM

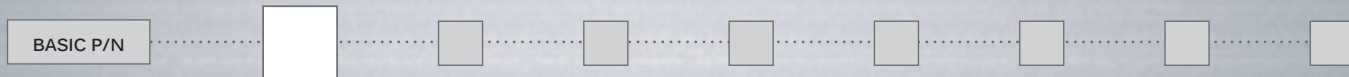


* Function 4 : SP in DP case - specify CT or TH connections.

5000 series

Miniature toggle switches •
threaded bushing Ø 6.35 mm or plain bushing

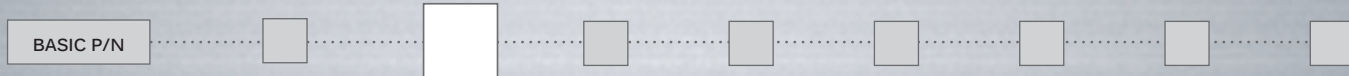
CONTACT MATERIALS



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

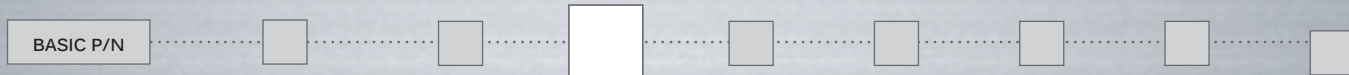
Special contacts for peak currents : see X814, under "Special Options".

FINISH



- Blank Nickel plated
- G Black finish on bushing, actuator and hardware

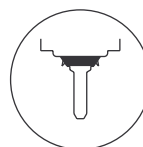
SEALING



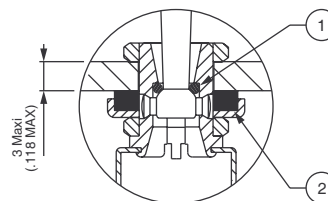
- Blank**
 - For 5000 and 5200Z models : epoxy sealed terminals standard
 - Other models : no sealing required
- K** Front panel sealing by one O-ring and sealing washer. Protects the switch against water and dust. Panel seal withstands 1 bar pressure and remains sealed even when switch is operated.
 - ⚠ Available on models with Ø 6.35 (1/4) **threaded bushing only**.
 - Not available with levers 8, 9, 12, 22, 23.
- B** Epoxy sealed terminals
- KB** Combined sealings

Sealing by two O-rings, see X408 under "Special options".

OPTION B



OPTION K



- ① O-ring
- ② Sealing washer

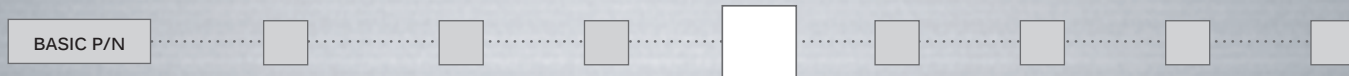


K with Ø 6.35 (1/4) keyway bushing includes washer **U360**



K with Ø 6.35 (1/4) flattened bushing includes washer **U5141**

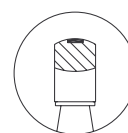
FLUORESCENT TIP



- Blank** None
- 038** White fluorescent tip. Becomes luminous when submitted to ultraviolet rays.
 - ⚠ Available with black finish (option G) only.
 - Consult factory for levers available with this option.



-19
Standard lever



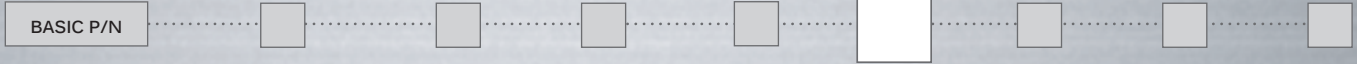
Locking lever

Same dimensions as standard actuator on next page.

5000 series

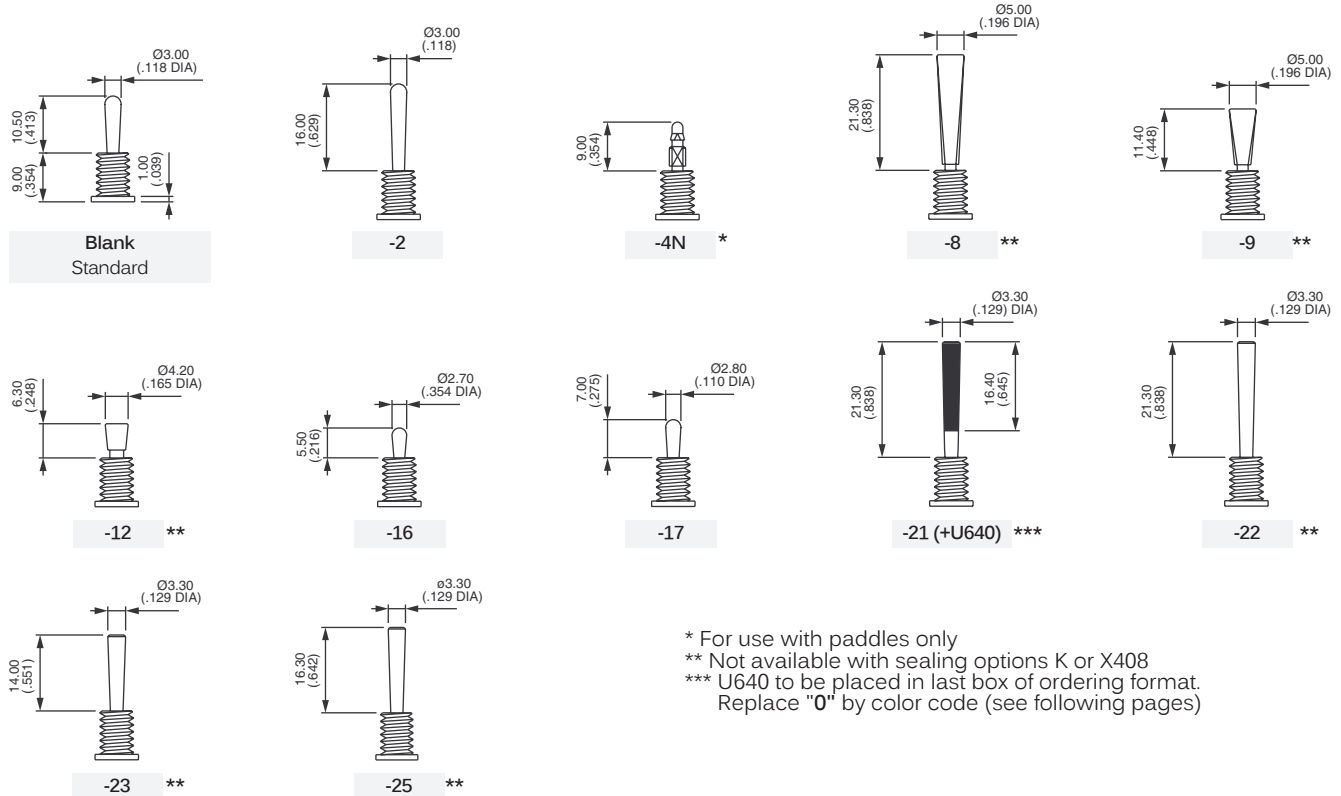
Miniature toggle switches •
threaded bushing Ø 6.35 mm or plain bushing

ACTUATORS



Dash compulsory before lever code.

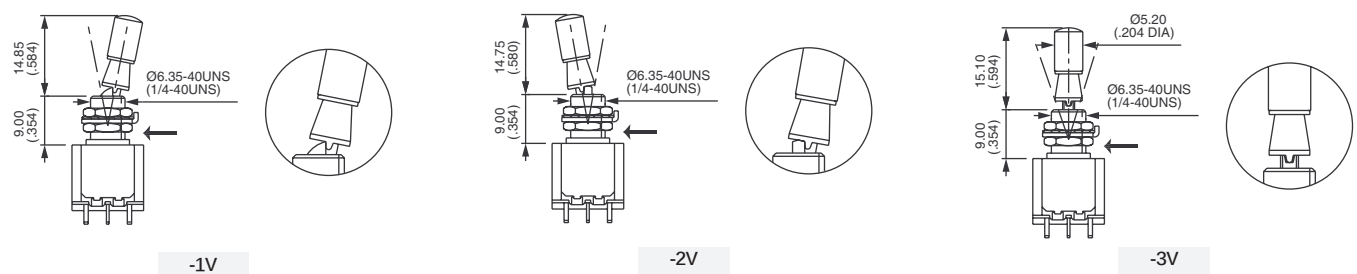
LEVERS FOR THREADED BUSHING MODELS Ø 6,35 (1/4) OR Ø 6 (.236)



LOCKING LEVERS FOR THREADED BUSHING MODELS Ø 6,35 (1/4)

- 1V 1 locked position (function 6)
- 2V 2 locked positions (function 6)
- 3V 3 locked positions (functions 9 and 4)

→ KEYWAY



Consult factory for other locking lever options.

For plain bushing models, see X386 or X916 under "Special options" on the following pages.

5000 series

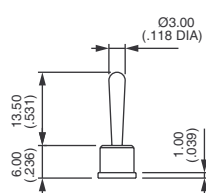
Miniature toggle switches •
threaded bushing Ø 6.35 mm or plain bushing

ACTUATORS (CONTINUED)

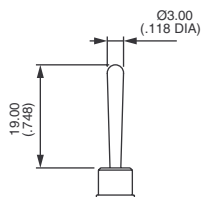
BASIC P/N

LEVERS FOR PLAIN BUSHING MODELS : W - WW AND Y

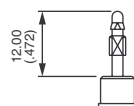
Lever length : With bracket or mounting plate lever length will be reduced by 0.4 mm (.015) as a rule. Please refer to switch technical drawings of basic models pages for details.



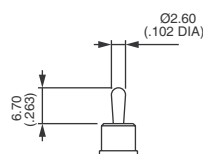
Blank
Standard



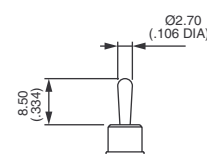
-2



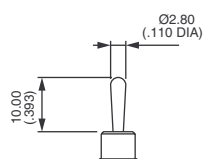
-4N



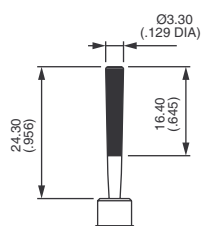
-7



-16



-17



-21 (+U640) *

* U640 to be placed in last box of ordering format.

For actuator colors, replace «0» by color code (see following pages)

SPECIAL OPTIONS

BASIC P/N

Blank No special requirement

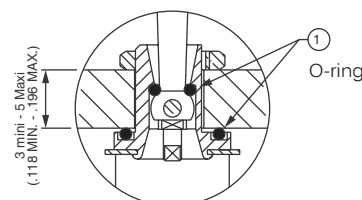
X408 Front panel sealing by two O-rings. Flatted bushing for precise orientation. Protects the switch against water and dust. Panel seal withstands 1 bar pressure and remains sealed even when switch is operated. Includes sealed terminals (option B).

⚠ Available only on models with threaded bushing.
Not available with levers 8, 9, 12, 22, 23.

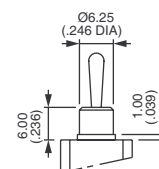
X371 Plain bushing Ø 6.25 mm (.246) (instead of standard threaded bushing).

X372 Threaded bushing Ø 6.35 (1/4). Height 7 mm (.274).

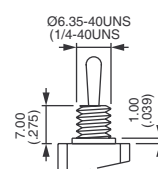
X386 Threaded bushing Ø 6.35 mm (1/4) to replace plain bushing on models W - WW and Y.



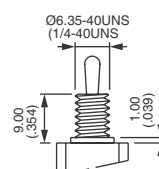
X408



X371



X372

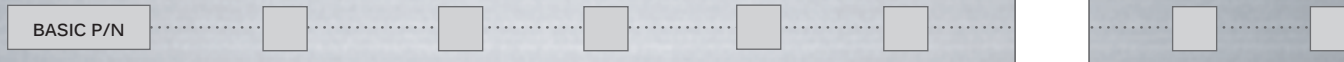


X386

5000 series

Miniature toggle switches •
threaded bushing Ø 6.35 mm or plain bushing

SPECIAL OPTIONS (CONTINUED)



X442 Threaded bushing Ø 6.35 mm (1/4) - Height 9.9 mm (.389).

X445 Plain bushing. Height 7.2 mm (.283) - for W, WW and Y models.

Available with the same levers, insulating cap and paddles as X404.

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.

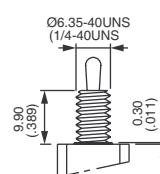
X681 Satin chrome actuator

X814 Switches for peak currents - single and double pole.
On request.

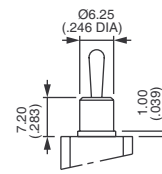
X902 Plain bushing Ø 6.25 mm (.246) - Height 9 mm (.354) (not available with K sealing option).

X916 Locking lever on model with plain bushing.

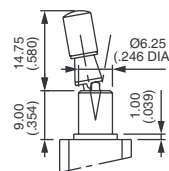
X404 Horizontal right angle (W) with reduced overall dimensions (shown with lever -16)



X442



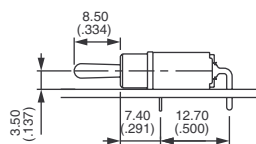
X445



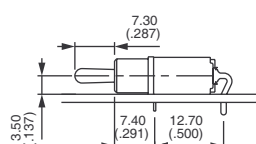
X916

⚠ With options X372, X386, X442 and X445, the lever lengths indicated on previous pages will be modified.

OPTION X404



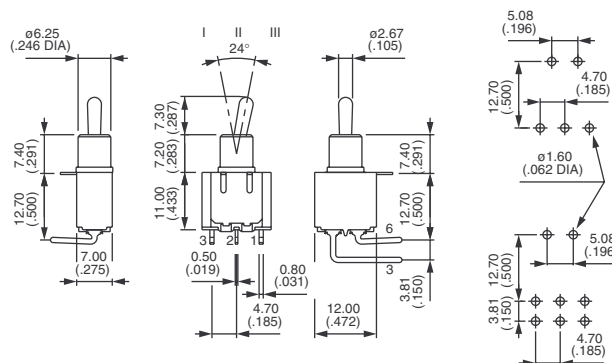
Standard W



Option X404



Single pole	Double pole	III	II	I
5236W X404	5246W X404	2-3		1-2
5239W X404	5249W X404	5-6	-	4-5
5237W X404	5247W X404	ON	OFF	ON
5238W X404	5248W X404	MOM	OFF	MOM
	5244W X404*	ON	ON	ON
	5244W 1R X404*	ON	ON	MOM
	5244W 2R X404*	MOM	ON	MOM



* Function 4 : SP in DP case - specify CT or TH connections

5000 series

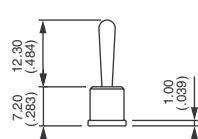
Miniature toggle switches •
threaded bushing Ø 6.35 mm or plain bushing

SPECIAL OPTIONS (CONTINUED)

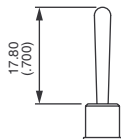
BASIC P/N

OPTION X404 (CONTINUED)

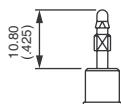
LEVERS LENGTHS FOR X404 (ALSO AVAILABLE WITH X445 OPTION)



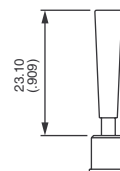
-13



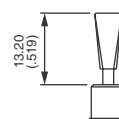
-2



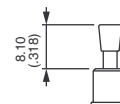
-4N *



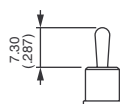
-8 **



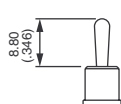
-9 **



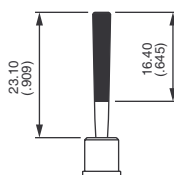
-12 **



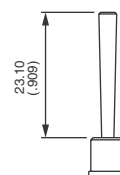
-16



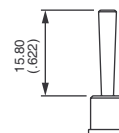
-17



-21 (+U640) ***



-22



-23

* For paddles

** Levers -8, -9 and -12 not available with function 2 (ON-MOM)

*** U640 to be placed in last box of ordering format. Replace "0" with color code.

Insulating caps and paddles for X404 :

Insulating cap U1710 available with lever style 16.

Paddles U240N, U290N and U390N available with lever style 4N. See details on next page..

AGENCY APPROVALS

BASIC P/N

Blank No agency approval required.

UL All standard models

CSA

CECC Standard models 5600 - 5200

Availability : consult factory for details of approved combinations or options.

Marking : to order switches marked UL, CSA or CECC, complete above box with desired approvals, in this order & without space (ex. : ULCSACECC). **VDE (with UL & CSA)** : Refer to 55000 series.

Preferential lists : see specifications.

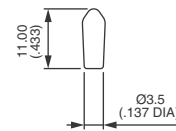
5000 series

Miniature toggle switches •
threaded bushing Ø 6.35 mm or plain bushing

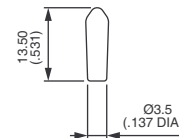
INSULATING CAPS



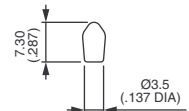
- U270** For standard lever & threaded bushing only
U1040 For standard lever & plain bushing only
U1710 For lever 17 and threaded bushing
 For lever 7 and plain bushing



U270



U1040



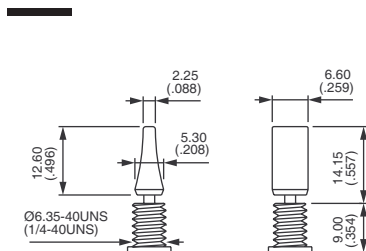
U1710

For cap colors, replace "0" with number :

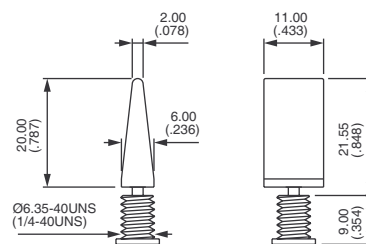
- 1 Blue
- 1/4 Dark blue
- 2 Black
- 3 Green
- 4 Grey
- 5 Yellow
- 6 Red
- 7/1 White
- 9 Orange

PADDLES

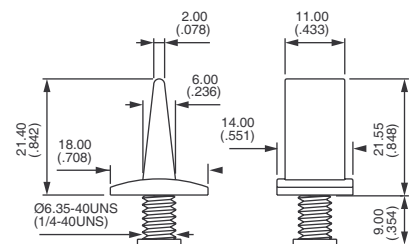
For use with lever 4N only. Shown with standard threaded bushing. Order separately.



U240N



U290N



U390N

For cap colors, replace "0" with number :

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

Mouser Electronics

Authorized Distributor

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

[Apem:](#)

[5232ZAB](#) [5639AD2GBX443](#) [5644CTA3V](#) [5632MA](#) [5236WWADB2VX916](#) [5236YCDBX445](#) [5238WWCD](#)
[5239WWADB3VX916](#) [5246WA16X975](#) [5247ADB](#) [5256CDB16](#) [5256WCDB17](#) [5546AB](#) [5632ADB](#) [5644MTHAB27](#)
[5647ADGB2X408](#) [5649ADB16](#) [5649ADGB2X408](#) [5656A8](#) [5664MTH1RAGB](#)