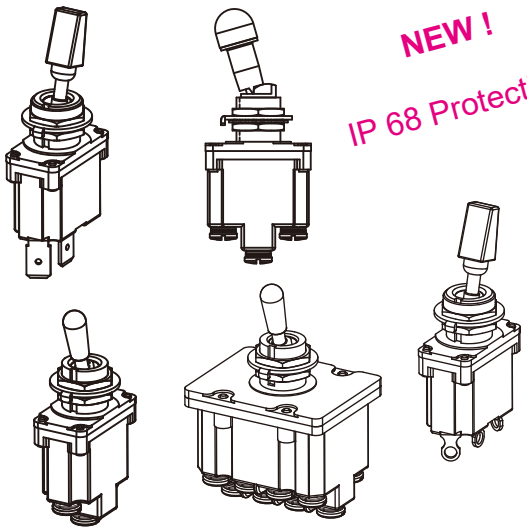


NEW !

IP 68 Protection

SPECIFICATIONS:

RATING: 12A 125/250VAC, 1/2HP 125VAC, 1HP 250VAC.
INSULATION RESISTANCE: DC 500V 100M-ohms min.
CONTACT RESISTANCE: DC 2-4V 1A 20m-ohms max.
DIELECTRIC STRENGTH: AC 1500V for 1 minute.

MATERIALS:

BUSHING: Zinc alloy or Aluminum.
BODY: Nylon 66.
ACTUATOR: Brass, nickel plated or chrome plated, anti-rotation.
ORING: Silicone.
CONTACT: Silver alloy.
TERMINAL: Brass, tin plated or silver plated.
NUT: Brass.
WASHER: Steel or iron.
LOCKING RING: Steel.

Specifications and Dimensions subject to change

If your preferred product configuration is not shown, please contact our sales representative for custom design.

HOW TO ORDER SYSTEM

L7A □ □ □ □ □ □

Switch Function
2P-1 On-Off
2P-8 On-(Off)
2P-9 (On)-Off
SP-1 On-None-On
SP-2 On-None-(On)
SP-A (On)-None-On
SP-3 On-Off-On
SP-4 (On)-Off-(On)
SP-5 On-Off-(On)
SP-B On-Off-None
SP-C On-On-None
SP-D (On)-On-None
DP-1 On-None-On
DP-2 On-None-(On)
DP-A (On)-None-On
DP-3 On-Off-On
DP-4 (On)-Off-(On)
DP-5 On-Off-(On)

Actuator
A1 16.20 (.638") high metal bat
P1 21.80 (.858") high plastic bat
TL Locking lever

Cap Color
0 No color required

* For P1 only
2 Black
5 Yellow

Bushing
B0 12.20 (.480") 15/32 keyway threaded
Bx 12.00 (.472) 15/32 locking keyway threaded
Please refer to P42 for available locking lever configurations

Termination
M1 Solder lug
M3 Quick connect 6.30 (.248")
M31 Quick connect 4.70 (.185")
M4 Screw terminal

Terminal plating
P Tin plated
Q Silver plated*
*Please consult factory for this option.

L7A □ □ □ □ TX

Switch Function
2P, SP, DP refer to above
4P-1 On-None-On
4P-2 On-None-(On)
4P-A (On)-None-On
4P-3 On-Off-On
4P-4 (On)-Off-(On)
4P-5 On-Off-(On)

Actuator
A1 16.20 (.638") high metal bat
P1 21.80 (.858") high plastic bat
TL Locking lever

Cap Color
0 No color required

* For P1 only
2 Black
5 Yellow

Bushing
B0 12.20 (.480") 15/32 keyway threaded
Bx 12.00 (.472) 15/32 locking keyway threaded

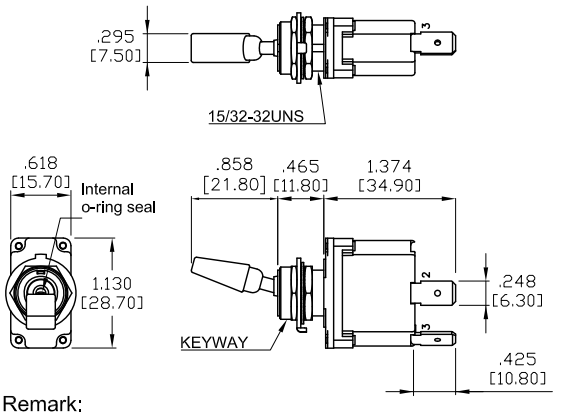
Step Model

SPST

Model No.	Switching Position		
2P-1	ON	NONE	OFF
2P-8	ON	NONE	(OFF)
2P-9	(ON)	NONE	OFF
Term. Comm.	2-3	N/A	OPEN

Model No.	Switching Position		
2P-B	ON	OFF	NONE
Term. Comm.	2-3	OPEN	N/A

Schematic



Remark:

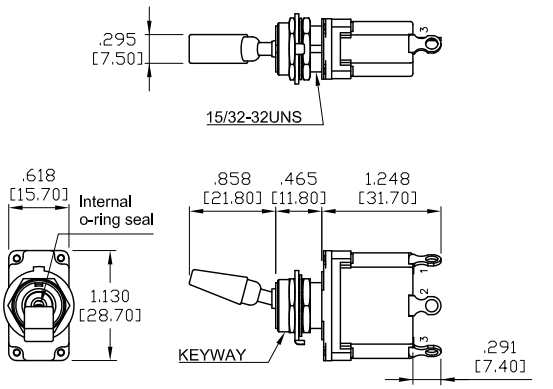
For 2P-B model, the switch becomes 2-position with center being one extreme position.

SPDT

Model No.	Switching Position		
SP-1	ON	NONE	ON
SP-2	ON	NONE	(ON)
SP-A	(ON)	NONE	ON
SP-3	ON	OFF	ON
SP-4	(ON)	OFF	(ON)
SP-5	ON	OFF	(ON)
Term. Comm.	2-3	OPEN	2-1

Model No.	Switching Position		
SP-C	ON	ON	NONE
SP-D	(ON)	ON	NONE
Term. Comm.	2-3	2-1	N/A

Schematic



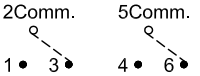
Remark:

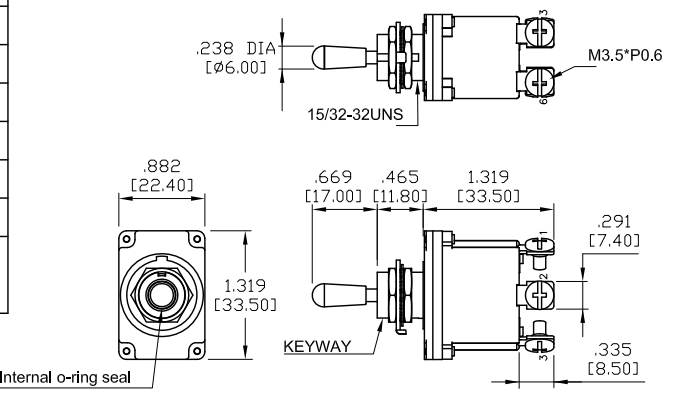
For SP-C, SP-D models, the switch becomes 2-position with center being one extreme position.

DPDT

Model No.	Switching Position		
DP-1	ON	NONE	ON
DP-2	ON	NONE	(ON)
DP-A	(ON)	NONE	ON
DP-3	ON	OFF	ON
DP-4	(ON)	OFF	(ON)
DP-5	ON	OFF	(ON)
Term. Comm.	2-3, 5-6	OPEN	2-1, 5-4

Schematic





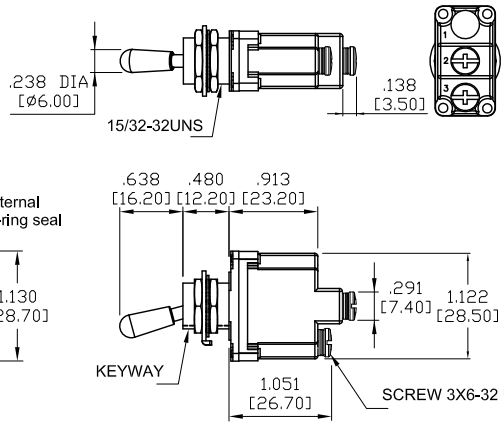
SPST

Model No.	Switching Position		
2P-1	ON	NONE	OFF
2P-8	ON	NONE	(OFF)
2P-9	(ON)	NONE	OFF
Term. Comm.	2-3	N/A	OPEN

Model No.	Switching Position		
2P-B	ON	OFF	NONE
Term. Comm.	2-3	OPEN	N/A

Schematic

STEP MODEL



Remark:

For 2P-B model, the switch becomes 2-position with center being one extreme position.

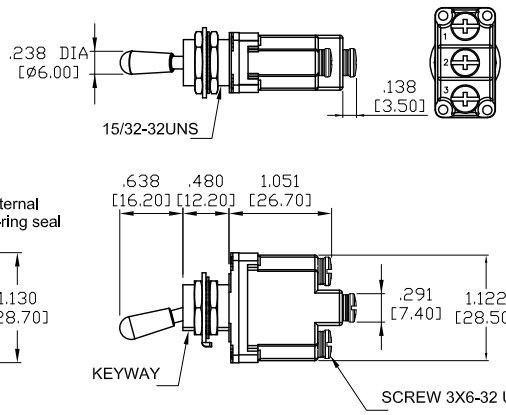
SPDT

Model No.	Switching Position		
SP-1	ON	NONE	ON
SP-2	ON	NONE	(ON)
SP-A	(ON)	NONE	ON
SP-3	ON	OFF	ON
SP-4	(ON)	OFF	(ON)
SP-5	ON	OFF	(ON)
Term. Comm.	2-3	OPEN	2-1

Model No.	Switching Position		
SP-C	ON	ON	NONE
SP-D	(ON)	ON	NONE
Term. Comm.	2-3	2-1	N/A

Schematic

STEP MODEL



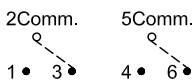
Remark:

For SP-C, SP-D models, the switch becomes 2-position with center being one extreme position.

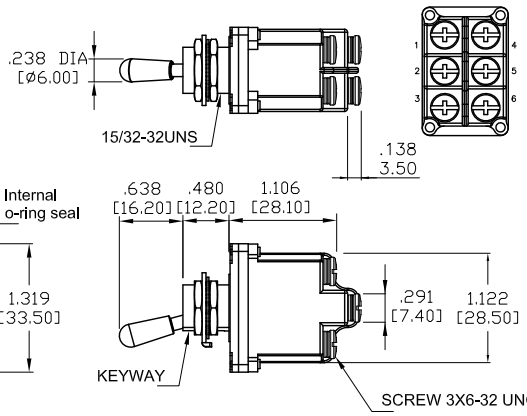
DPDT

Model No.	Switching Position		
DP-1	ON	NONE	ON
DP-2	ON	NONE	(ON)
DP-A	(ON)	NONE	ON
DP-3	ON	OFF	ON
DP-4	(ON)	OFF	(ON)
DP-5	ON	OFF	(ON)
Term. Comm.	2-3, 5-6	OPEN	2-1, 5-4

Schematic



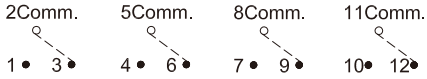
STEP MODEL



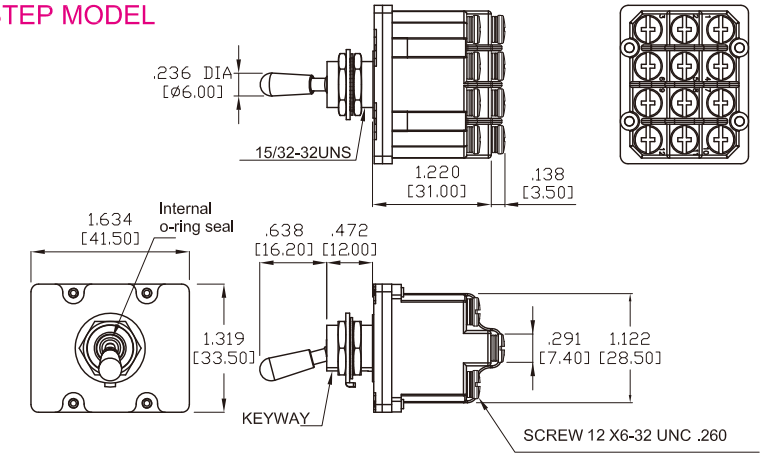
4PDT

Model No.	Switching Position		
4P-1	ON	NONE	ON
4P-2	ON	NONE	(ON)
4P-A	(ON)	NONE	ON
4P-3	ON	OFF	ON
4P-4	(ON)	OFF	(ON)
4P-5	ON	OFF	(ON)
Term. Comm.	2-3 , 5-6 8-9 , 11-12	OPEN	2-1 , 5-4 8-7 , 11-10

Schematic

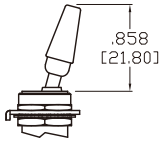


STEP MODEL



ACTUATOR OPTIONS

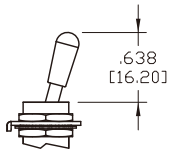
P1



Cap Color	
2	Black
5	Yellow

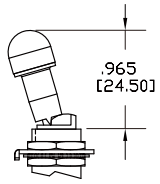
MATERIAL: Nylon 6/6

A1



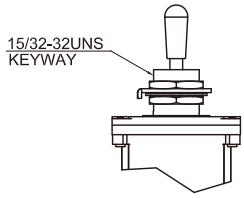
MATERIAL: Brass nickel plated

TL

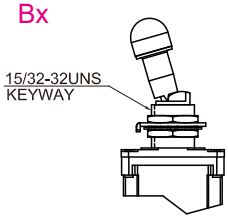


BUSHING OPTION

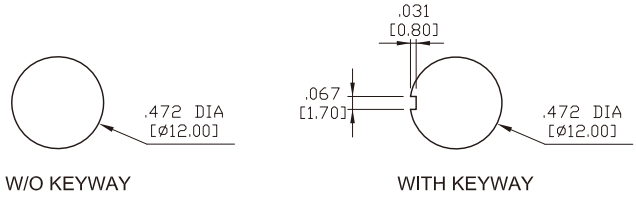
B0



Bx



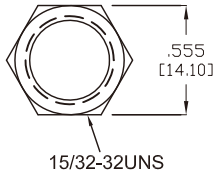
PANEL MOUNTING



HARDWARE

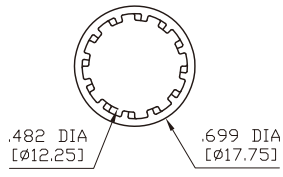
NUT

.08 [2.05] THK



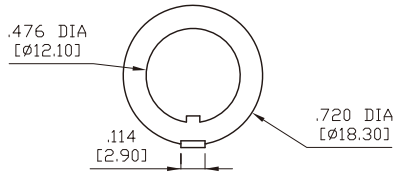
WASHER

.03 [0.85] THK



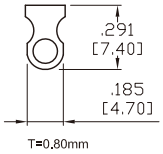
LOCKING RING

.04 [1.00] THK

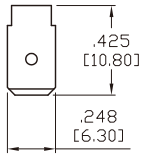


TERMINATION OPTIONS

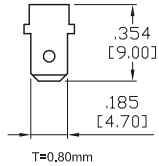
M1



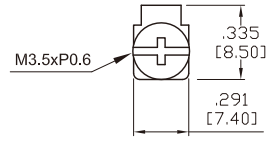
M3



M31



M4



( )=MOMENTARY

Locking Options				
Bushing Locking Type (Keyway on Left)	Keyway Side	Center Position	Opposite Keyway Side	Applicable Circuit
BA	locked IN	locked IN	locked IN	ON-OFF-ON ON-ON-ON
BB	locked IN	locked IN	locked OUT	ON-OFF-ON ON-ON-ON
BD	locked IN	locked OUT	locked IN	ON-OFF ON-NONE-ON ON-OFF-ON ON-ON-ON
BE	locked OUT	locked IN	locked OUT	ON-OFF-ON (ON)-OFF-(ON) ON-OFF-(ON) ON-ON-ON ON-ON-(ON) (ON)-ON-(ON) ON-OFF-NONE ON-ON-NONE (ON)-ON-NONE NONE-OFF-(ON)
BF	locked OUT	locked OUT	locked IN	ON-OFF ON-(OFF) ON-NONE-ON OFF-(ON) ON-NONE-(ON) ON-OFF-ON ON-OFF-(ON) ON-ON-ON ON-ON-(ON) ON-OFF-NONE ON-ON-NONE
BG	locked IN	locked OUT	locked OUT	ON-OFF ON-NONE-ON ON-OFF-ON ON-ON-ON
BH	locked OUT	locked from Center to Keyway Side	locked IN	ON-OFF-ON ON-ON-ON
BJ	locked IN	locked from Center to Opp. Keyway Side	locked OUT	ON-OFF-ON ON-ON-ON
BK	locked OUT	locked IN	locked IN	ON-OFF-ON ON-OFF-(ON) ON-ON-ON ON-ON-(ON) ON-OFF-NONE ON-ON-NONE
BL	locked OUT	locked from Center to Keyway Side	locked OUT	ON-OFF-ON (ON)-OFF-(ON) ON-OFF-(ON) ON-ON-ON ON-ON-(ON) (ON)-ON-(ON)
BM	locked OUT	locked IN	locked IN	ON-OFF-ON ON-OFF-(ON) ON-ON-ON ON-ON-(ON) ON-OFF-NONE ON-ON-NONE
BN	locked OUT	locked from Center to Opp. Keyway Side	locked OUT	ON-OFF-ON ON-OFF-(ON) (ON)-OFF-(ON) ON-ON-ON ON-ON-(ON) (ON)-ON-(ON)
BP	locked IN	locked IN	locked OUT	ON-OFF-ON ON-ON-ON