TIL, TIG, TIH, TII-Series

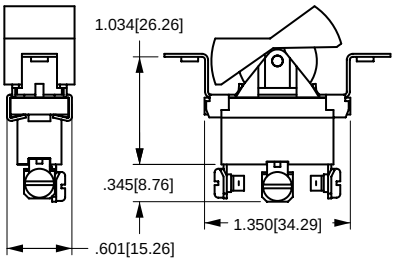
The TI-Series Tippette rocker switches are available in single pole (TIL), double pole (TIG), three pole (TIH) and four pole (TII) versions. These switches are available with nylon snap-in or screw-type mounting brackets, are AC rated to 20 amps and suitable for low voltage DC applications. Multiple actuator options and colors are available, and many circuits have international approvals.

Specifications

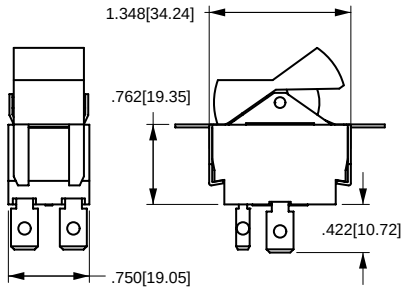
- Certifications*: UL, CSA, and VDE
- Dielectric Strength: 1,000 V (minimum)
- Insulation Resistance: 100 Megohms (minimum)
- Base Material: Phenolic
- Actuator Material: Nylon
- Bracket/Bezel Material: Nylon or Steel

* Due to ongoing technological advances, consult factory for certification specifics.

Dimensional Specifications: in. [mm]



TIL



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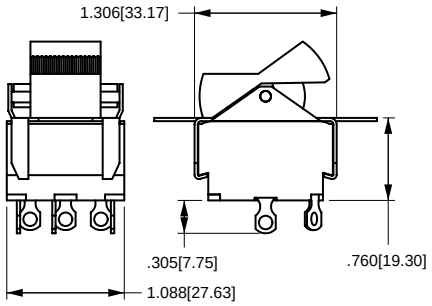


TIH

TIG K 5 1 - 6S - BL - NBL

SERIES

TIL	SINGLE POLE
TIG	DOUBLE POLE
TIH	THREE POLE
TII	FOUR POLE

CIRCUIT

SINGLE POLE

A	ON-NONE-OFF
B	ON-NONE-ON
C	ON-OFF-ON

DOUBLE, THREE OR FOUR POLE

K	ON-NONE-OFF
L	ON-NONE-ON
M	ON-OFF-ON

RATING[1]

5	10A 250VAC 15A 125VAC 3/4HP 125-250VAC
6	3A 250VAC 6A 125VAC 1/4HP 125-250VAC
9	10A 250VAC 15A 125VAC 12(6)A 250VAC T85
72	20A 125-277VAC 1 1/2HP 125VAC 2HP 250VAC

ACTUATOR STYLE[2]

1C	CROSS SERRATED
1F	SMOOTH W/ FLATTED CENTER
1L	LONG LINED
1S	SMOOTH ANGLED
2L	LONG NARROW SMOOTH
6M[5]	MATTE CURVED (M, N OR W BRACKETS ONLY)
6S	SMOOTH CURVED (M, N OR W BRACKETS ONLY)
7N	WITCHES HAT (NARROW)
7P	WITCHES HAT
7S	TOGGLE

ACTUATOR COLOR[3]

BL	BLACK
WH	WHITE

BRACKET STYLE[4]

A	
B	
C	
H	
FN	NARROW
FW	WIDE
MBL	MARINE
NBL	
WBL	WATERSHEDDING

NOTES:
Shading indicates standard configurations.
Dust covers for single and double pole are available, consult factory.
Panel Cut-Out Recommendations: For sheet metal panels, switch must enter panel in same direction as the punch. (Burr on bottom.) Test cut hole in actual material.

1 Horsepower rating for code 5 is applicable to certain circuits only. Consult factory for specifics.
Rating Code 9 for TIG-Series only with maintained A, B, K, L and M Circuits, and N Bracket Style, terminals 0 or 1 only.
Rating Code 72 for TIG-Series only, in maintained circuits, with N or W Bracket Style only.

2 For double actuator with or without interlock or other actuator styles,consult factory.
Imprinting available on smooth face rockers.

3 Glossy finish is standard. Custom colors are available. Consult factory.

4 Barbs are available on FN style bracket to accommodate panel thicknesses of .062, .100, .125, .156 and .250. Specify after bracket selection. (ex.) FN/.125
MBL, NBL & WBL brackets are molded in black. If white is desired, specify as MWH, NWH & WWH.
Bracket Styles D, E and G available. Consult factory.
Bracket Style M consists of LNP rocker, neoprene seal, syntech grease, dummy rivets. M, N and W brackets supplied in two pole bases.
MBL does not have UL, CSA approvals.
Bracket style H available with actuator styles 7N and 7P only.

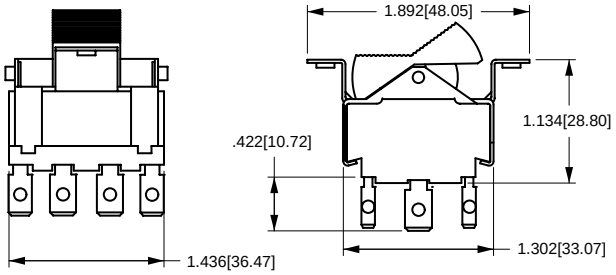
5 Actuator & Bracket Finish is a matched set.

TERMINATION/FUNCTION

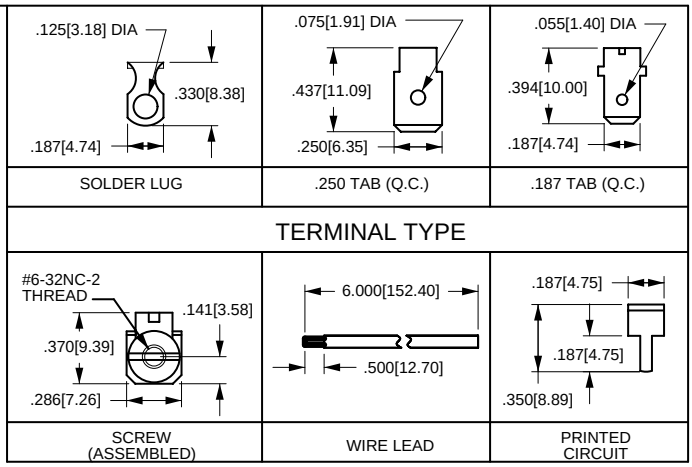
FUNCTION	SOLDER LUG	.250 TAB (QC)	.187 TAB (QC)	SCREW TERM.	WIRE LEAD	PC TERM.
ON-NONE-OFF	**0**	**1**	**3**	**4**	**5**	**6**
(ON)-NONE-OFF	**A**	**B**	**D**	**E**	**F**	**G**
ON-NONE-(OFF)	**L**	**M**	**R**	**S**	**T**	**U**
ON-NONE-ON	**0**	**1**	**3**	**4**	**5**	**6**
ON-NONE-(ON)	**A**	**B**	**D**	**E**	**F**	**G**
ON-OFF-ON	**0**	**1**	**3**	**4**	**5**	**6**
ON-OFF-(ON)	**A**	**B**	**D**	**E**	**F**	**G**
(ON)-OFF-(ON)	**L**	**M**	**R**	**S**	**T**	**U**

Special Circuits for Tippette Rocker Switches

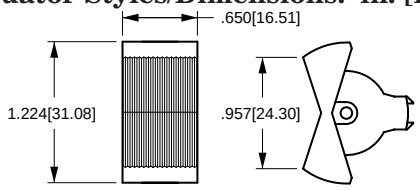
CIRCUIT	POSITION 1	POSITION 2	POSITION 3
PROGRESSIVE TWO CIRCUIT			
GG	BOTH CIRCUITS ON	ONE CIRCUIT ON	OFF
GG	BOTH CIRCUITS (ON)	ONE CIRCUIT ON	OFF
SINGLE POLE TRIPLE THROW			
GE	ON	ON	ON
TWO CIRCUIT			
GH	CIRCUIT 1 ON	BOTH CIRCUITS ON	CIRCUIT 2 ON
GP	CIRCUIT 2 ON	CIRCUIT 1 ON	OFF
REVERSING DOUBLE POLE DOUBLE THROW			
GO	ON	OFF	ON
GX	ON	NONE	ON



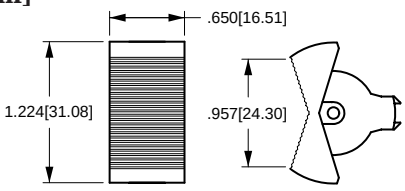
TII



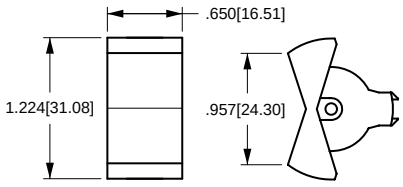
Actuator Styles/Dimensions: in. [mm]



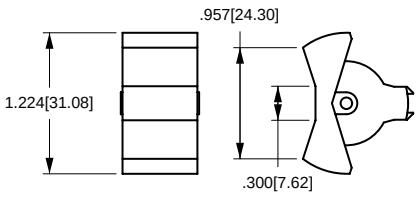
1L
TIL,TIG,TIH,TII



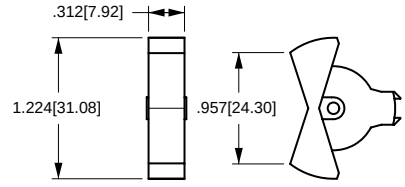
1C
TIL,TIG,TIH,TII



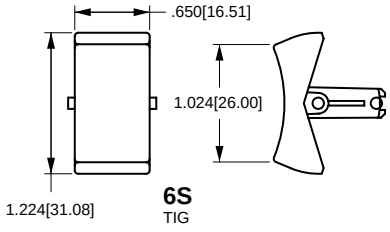
1S
TIL,TIG,TIH,TII



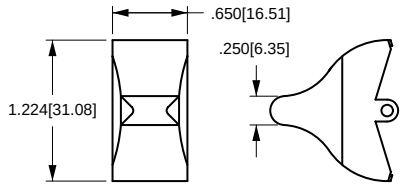
1F
TIG, TII



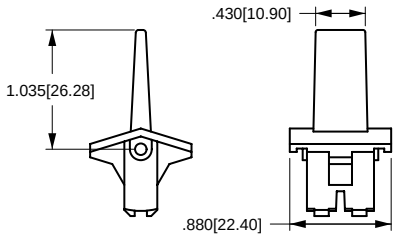
2L
TIL,TIG,TIH,TII



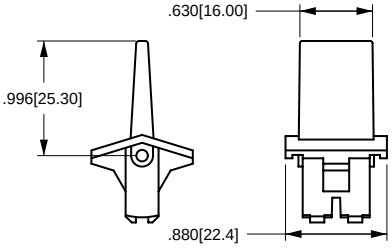
6S
TIG



7S
TIG



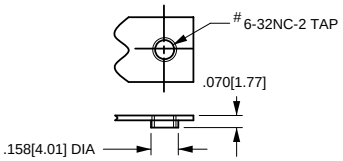
7N
TIG



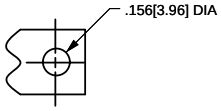
7P
TIG

NOTES:
Additional momentary circuits are available. Consult factory for details.

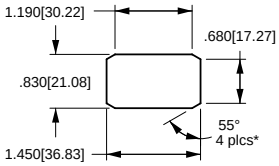
Bracket Dimensions: in. [mm]



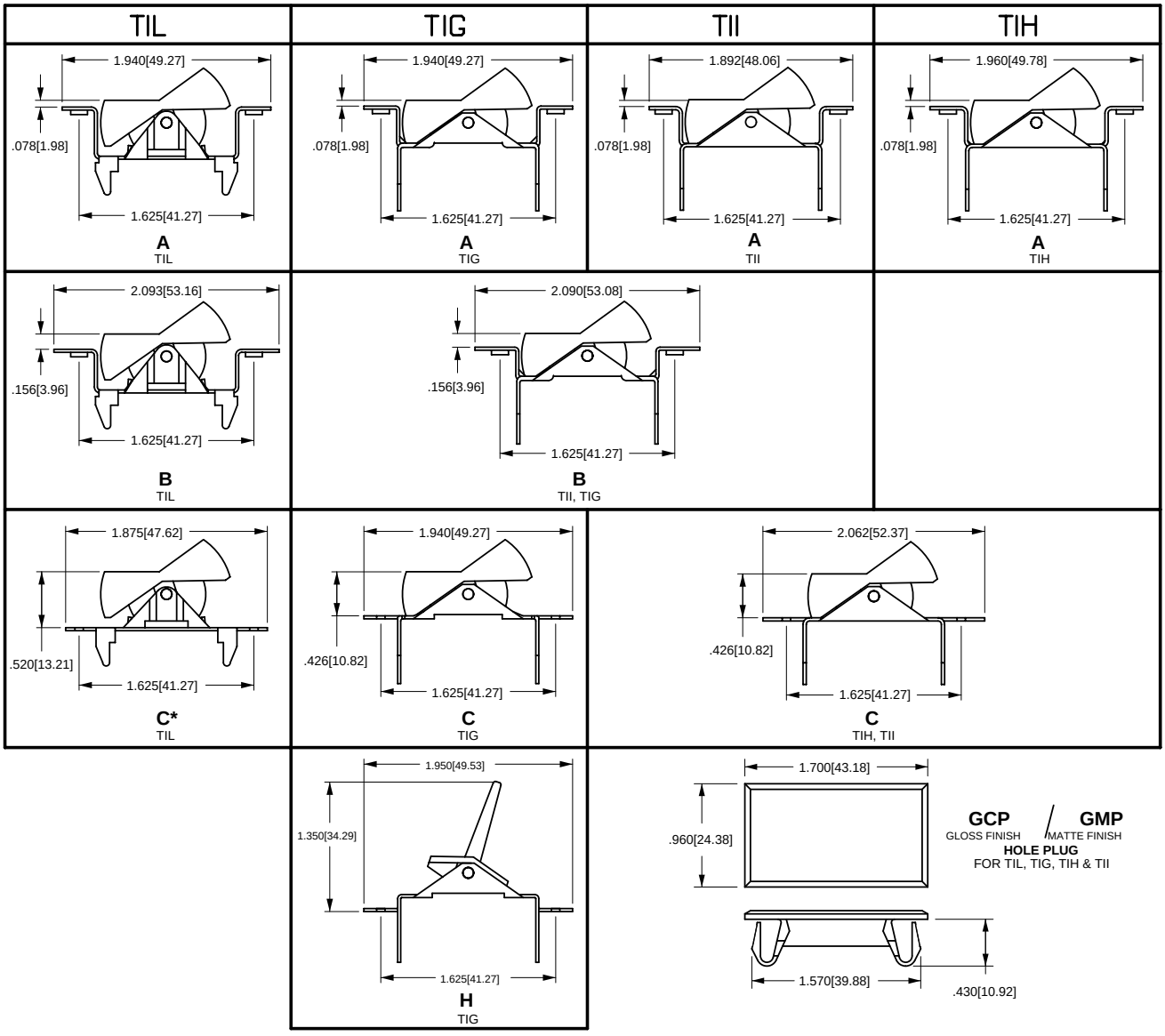
TAPPED HOLE
Standard with
A & B Brackets



CLEARANCE HOLE
Standard with
C Bracket

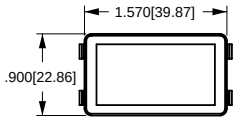


MOUNTING HOLE
(Nylon Snap-in Brackets)
Panel Thickness:
.030 min. - .250 max.
* Angled corners are suggested for optimum fit. Standard rectangular cutout is acceptable.



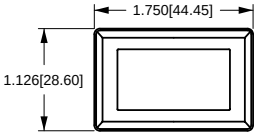
GCP GLOSS FINISH / **GMP** MATTE FINISH
HOLE PLUG
FOR TIL, TIG, TIH & TII

NARROW



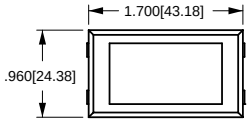
FN
TIL, TIG, TIH, TII
METAL, SNAP-IN

WIDE



FW
TIL, TIG, TIH, TII
METAL, SNAP-IN

MARINE / STD / WATERSHEDDING



MBL, NBL, WBL
TIG
BLACK NYLON, SNAP-IN

NOTES
Double brackets supplied on TII-Series when B style bracket is specified. Consult factory for dimensional information.
* Available in both clearance and tapped hole options. Please specify when ordering.