Littelfuse® | Carling Technologies®
A Littelfuse® Brand

Tippette®

Full Sized Rocker Switches

PRODUCT WEBPAGE

request sample, configure part





The Tippette Series is a traditionally styled rocker switch, available in sealed or unsealed versions. These switches are appropriate for use in general purpose applications which may or may not require a modicum of environmental protection.

1-4	10-20	125-250	12-30
Poles	Amps	VAC Max	VDC Max

Typical Applications

- General Purpose Applications
- Commercial Food
- Recreational Vehicles

www.carlingtech.com 860.793.9281 sales@carlingtech.com

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Tech Specs

Electrical

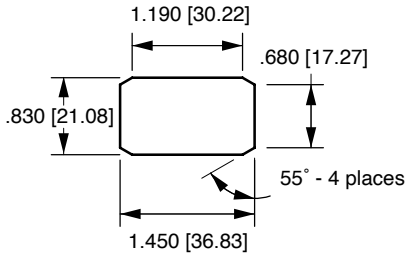
Contact Rating	15 amps, 125 VAC 10 amps, 250 VAC 3/4 HP 125-250 VAC 15 amps, 12-30 VDC
Life	25,000 cycles circuit dependent 50,000 cycles circuit dependent consult factory for applicable circuits.
Contact	Fine silver, silver cad-oxide
Terminals	Brass or copper/silver plate 1/4" (6.3mm) Quick Connect terminations standard. Solder lug - Brass Tin Plated Wire Lead 16 gauge standard 105°C 600VAC Screw Terminals - Brass

Physical

Lighted	Incandescent - rated 10,000 hours Neon - rated 25,000 hours
Seals	Bracket - Actuator WBL/MBL optional external gasket panel seal
Operating Temperature	Up to 85° C Consult Factory for Specific Applications

Mounting

MOUNTING HOLE
(Nylon Snap-in Brackets)
Panel Thickness:
.040 min. - .250 max.



*Angled corners are suggested for optimum fit.
Standard rectangular cutout is acceptable.

Agency Certifications

UL, CSA and VDE

Select circuits and constructions with VDE/IEC approvals are available. Consult factory

*Manufacturer reserves the right to change product specification without prior notice.

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Ordering Scheme

Sample Part Number: TIGA51 - 6M - BL - MBL

Selection: 1 2 3 4

1. SERIES

10A 250VAC, 15A 125VAC, 3/4 HP 125-250VAC, 15A 6-28VDC

Single Pole in Double Pole base [2]

solder lug	.250 tab	screw term.	wire leads		solder lug	.250 tab	screw term.	wire leads
TIGA50	**TIGA51**	**TIGA54**	**TIGA55**	On-None-Off	**TIGK50**	**TIGK51**	**TIGK54**	**TIGK55**
TIGA5A	**TIGA5B**	**TIGA5E**	**TIGA5F**	(On)-None-Off	**TIGK5A**	**TIGK5B**	**TIGK5E**	**TIGK5F**
TIGA5L	**TIGA5M**	**TIGA5S**	**TIGA5T**	On-None-(Off)	**TIGK5L**	**TIGK5M**	**TIGK5S**	**TIGK5T**
TIGB50	**TIGB51**	**TIGB54**	**TIGB55**	On-None-On	**TIGL50**	**TIGL51**	**TIGL54**	**TIGL55**
TIGB5A	**TIGB5B**	**TIGB5E**	**TIGB5F**	On-None-(On)	**TIGL5A**	**TIGL5B**	**TIGL5E**	**TIGL5F**
TIGC50	**TIGC51**	**TIGC54**	**TIGC55**	On-Off-On	**TIGM50**	**TIGM51**	**TIGM54**	**TIGM55**
TIGC5A	**TIGC5B**	**TIGC5E**	**TIGC5F**	On-Off-(On)	**TIGM5A**	**TIGM5B**	**TIGM5E**	**TIGM5F**
TIGC5L	**TIGC5M**	**TIGC5S**	**TIGC5T**	(On)-Off-(On)	**TIGM5L**	**TIGM5M**	**TIGM5S**	**TIGM5T**

Double Pole

Three Pole

solder lug	.250 tab	screw term.	wire leads		solder lug	.250 tab	screw term.	wire leads
TIHK50	**TIHK51**	**TIHK54**	**TIHK55**	On-None-Off	**TIIK50**	**TIIK51**	**TIIK54**	**TIIK55**
TIHK5A	**TIHK5B**	**TIHK5E**	**TIHK5F**	(On)-None-Off	**TIIK5A**	**TIIK5B**	**TIIK5E**	**TIIK5F**
TIHK5L	**TIHK5M**	**TIHK5S**	**TIHK5T**	On-None-(Off)	**TIIK5L**	**TIIK5M**	**TIIK5S**	**TIIK5T**
TIHL50	**TIHL51**	**TIHL54**	**TIHL55**	On-None-On	**TIIL50**	**TIIL51**	**TIIL54**	**TIIL55**
TIHL5A	**TIHL5B**	**TIHL5E**	**TIHL5F**	On-None-(On)	**TIIL5A**	**TIIL5B**	**TIIL5E**	**TIIL5F**
TIHM50	**TIHM51**	**TIHM54**	**TIHM55**	On-Off-On	**TIIM50**	**TIIM51**	**TIIM54**	**TIIM55**
TIHM5A	**TIHM5B**	**TIHM5E**	**TIHM5F**	On-Off-(On)	**TIIM5A**	**TIIM5B**	**TIIM5E**	**TIIM5F**
TIHM5L	**TIHM5M**	**TIHM5S**	**TIHM5T**	(On)-Off-(On)	**TIIM5L**	**TIIM5M**	**TIIM5S**	**TIIM5T**

Four Pole

VDE APPROVED

10A 250VAC, 15A 125VAC, 12(6)A 250VAC T85

Single Pole in Double Pole base [2]

solder lug	.250 tab	wire lead		solder lug	.250 tab	wire lead
TIGA90	**TIGA91**	**TIGA95**	On-None-Off	**TIGK90**	**TIGK91**	**TIGK95**
TIGB90	**TIGB91**	**TIGB95**	On-None-On	**TIGL90**	**TIGL91**	**TIGL95**
TIGC90	**TIGC91**	**TIGC95**	On-Off-On	**TIGM90**	**TIGM91**	**TIGM95**

Double Pole

Additional ratings up to 20A 125-277VAC, 1 1/2HP 125 VAC, 2HP 250VAC are available. Consult factory for specifics.

2. ACTUATOR STYLE

1S	Angular/Smooth Face Gloss [12]
1C	Angular/Cross Serrations Gloss [12]
1F	Flatted/Smooth Face Gloss [12]
1L	Angular/Longline Serrations Gloss [1,12]
2L	Long Smooth/Narrow [1]
6M	Curved/Smooth Face Matte [3]
6S	Curved/Smooth Face Gloss [3]
7S	Rounded Paddle/Smooth Face Gloss [1]
7N	Witch's Hat/Narrow [14]
7P	Witch's Hat/Wide [14]

3. ACTUATOR COLOR [9]

BL	Black
WH	White
RD	Red

4. BRACKET STYLE [9]

A	Screw Mount [5]
B	Screw Mount [5,12]
C	Screw Mount [5]
H	Screw Mount [5]
NBL	Nylon Black
WBL	Water shedding Black [4]
MBL	Marine Style Black [4,6]
FN	Metal Snap-In [5]
FN BLK	Black Metal Snap-In [5]
FN SS	Stainless Steel Snap-In [5]
FW	Wide Stainless Steel Snap-In [5]

Notes:
1. FN, & FW brackets only.
2. For single pole switch in a single pole base, specify TIL with single pole circuitry/rating/termination.
3. NBL, WBL, & MBL brackets only. With 6M actuator, brackets also will be matte finish.
4. 6M & 6S actuators only
5. Not available with 6M & 6S actuators.
6. Consists of WBL bracket, neoprene seal, and dummy rivets at open holes. Consult factory for agency approval status.
7. All ratings are appropriate for usage in low voltage applications.
8. For additional special circuits, see catalog.
9. Custom colors are available, consult factory.
10. .187 tab and PC terminations are also available. Consult factory for catalog number callout.
11. ( ) momentary
12. Not available with WBL or MBL style brackets.
13. Available with bracket A, C or H only.
14. Not available with MBL, WBL or H brackets. Can be supplied as a double rocker to control separate poles of a TIG,TIH or TII switch. Consult factory for details.

Configure Complete Part Number > | Browse Standard Parts >

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Ordering Scheme

Sample Part Number	LTILA51	-	6M	-	BL	-	RC	-	MBL	-	12V
Selection	1		2		3		4		5		6

1. SERIES

10A 250VAC, 15A 125VAC, 3/4 HP 125-250VAC, 15A 15-28VDC

illuminated Single Pole in Double Pole base					**illuminated Double Pole**			
solder lug	.250 tab	screw term.	wire leads		solder lug	.250 tab	screw term	wire leads
LTILA50	**LTILA51**	**LTILA54**	**LTILA55**	On-None-Off	**LTIGK50**	**LTIGK51**	**LTIGK54**	**LTIGK55**
LTILA5A	**LTILA5B**	**LTILA5E**	**LTILA5F**	(On)-None-Off	**LTIGK5A**	**LTIGK5B**	**LTIGK5E**	**LTIGK5F**
LTILA5L	**LTILA5M**	**LTILA5S**	**LTILA5T**	On-None-(Off)	**LTIGK5L**	**LTIGK5M**	**LTIGK5S**	**LTIGK5T**
LTILB50	**LTILB51**	**LTILB54**	**LTILB55**	On-None-On	**LTIGL50**	**LTIGL51**	**LTIGL54**	**LTIGL55**
LTILB5A	**LTILB5B**	**LTILB5E**	**LTILB5F**	On-None-(On)	**LTIGL5A**	**LTIGL5B**	**LTIGL5E**	**LTIGL5F**
LTILC50	**LTILC51**	**LTILC54**	**LTILC55**	On-Off-On	**LTIGM50**	**LTIGM51**	**LTIGM54**	**LTIGM55**
LTILC5A	**LTILC5B**	**LTILC5E**	**LTILC5F**	On-Off-(On)	**LTIGM5A**	**LTIGM5B**	**LTIGM5E**	**LTIGM5F**
LTILC5L	**LTILC5M**	**LTILC5S**	**LTILC5T**	(On)-Off-(On)	**LTIGM5L**	**LTIGM5M**	**LTIGM5S**	**LTIGM5T**

Additional ratings up to 12A 250VAC, 17A 125 VAC, 3/4 HP 125 VAC, 1HP 250VAC are available. Consult factory for specifics. Three pole switch is also available: Substitute H for fourth digit of part number. ex. LTIHK51

2. ACTUATOR STYLE [4]

1S	Angular/Smooth Face Gloss [1]
1C	Angular/Cross Serrations Gloss [1]
1L	Angular/Longline Serrations Gloss [1]
6M	Curved/Smooth Face Matte [3]
6S	Curved/Smooth Face Gloss [3]
7S	Rounded Paddle/Smooth Face Gloss [2]

3. ACTUATOR COLOR [11]

BL	Black
WH	White
RD	Red

4. LENS COLOR [13]

AM	Amber
LU	Blue [7]
RC	Red
CL	Clear
GN	Green [7]
WH	White

5. BRACKET STYLE [11]

NBL	Nylon Black
WBL	Water shedding Black [5]
MBL	Marine Style Black [5,8]
FN	Metal Snap-In [4,6]
FN BLK	Black Metal Snap-In [4,6]
FN SS	Stainless Steel Snap-In [4,6]

6. LAMP VOLTAGE

neon [9]					
125N	125 volt	**250N**	250 volt		
incandescent					
6V	6 volt	**12V**	12 volt	**18V**	18 volt
24V	24 volt	**28V**	28 volt		

Notes:
1 NBL, FN, & FW brackets only. Double pole circuits provided with 3 pole base.
2 LTIL-Series with NBL, FN, & FW brackets only.
3 NBL, WBL, & MBL brackets only. With 6M actuator, bracket will also be matte finish.
4 1S, 1C, 1L & 7S with NBL bracket only available with LTIL-Series.
5 6M, 6S actuators only.
6 Not available with 6M and 6S actuators.
7 Not recommended with neon lamps.
8 Consists of WBL bracket, neoprene seal, dummy rivets at open holes. Consult factory for agency approval status.
9 Not recommended with blue or green lenses.
10 All ratings are appropriate for usage in low voltage applications.
11 Custom colors and additional bracket styles are available, consult factory.
12 ( ) - momentary
13 All double throw circuits supplied with two lenses. To specify two different lens colors, specify second color, after first color. (ex. LTIGM51-6S-BL-RC/GN-WBL-12V)
14 .187 tab and PC terminations are also available. Consult factory for catalog number callout.

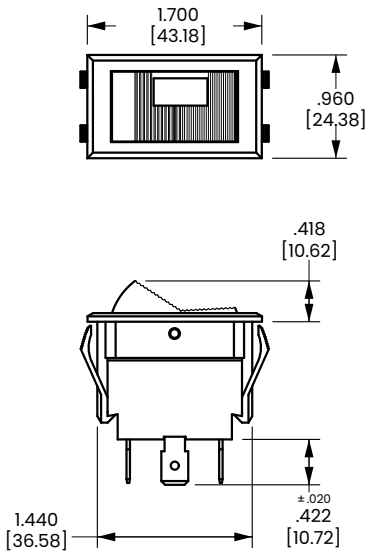
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Dimensional Specs

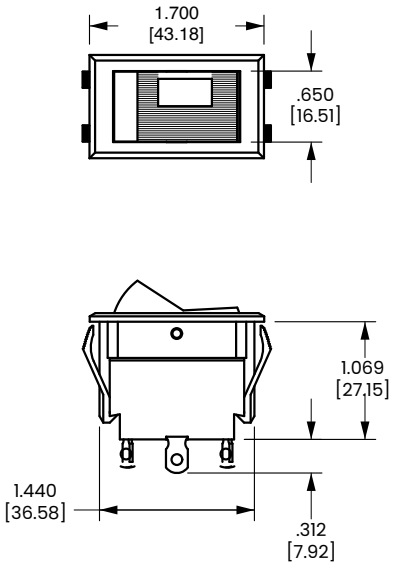
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1C
CROSS-LINE W/ONE LENS



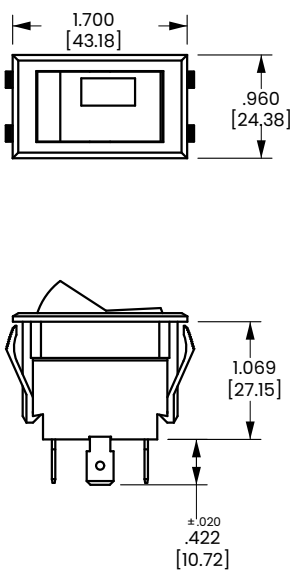
WITH.250 TAB
TERMINALS
AND NBL BRACKET

1L
LONG-LINE W/ONE LENS



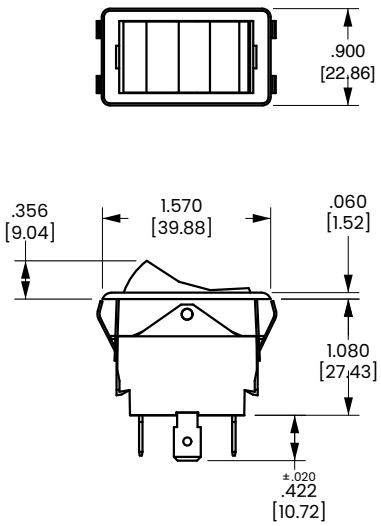
WITH SOLDER LUG
TERMINAL
AND NBL BRACKET

1S
SMOOTH W/ONE LENS



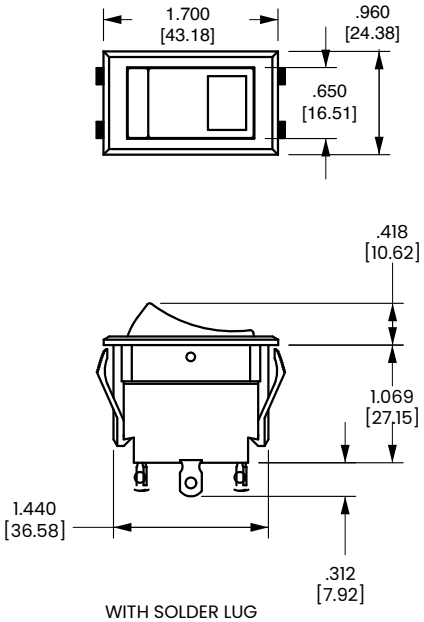
WITH.250 TAB
TERMINALS
AND NBL BRACKET

1F
FLATTED STYLE NO LENS



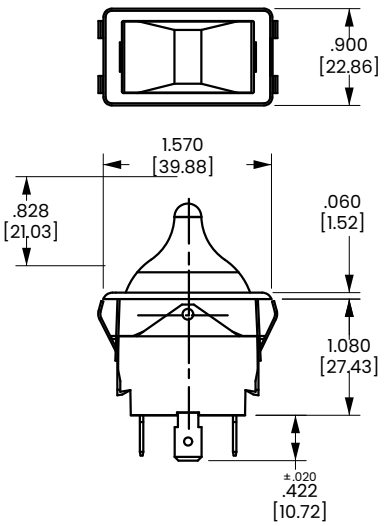
WITH.250 TAB
TERMINALS
AND FN BRACKET

6M, 6S
CURVED W/ONE LENS



WITH SOLDER LUG
TERMINALS
AND NBL BRACKET

7S
TOGGLE-STYLE W/ONE LENS

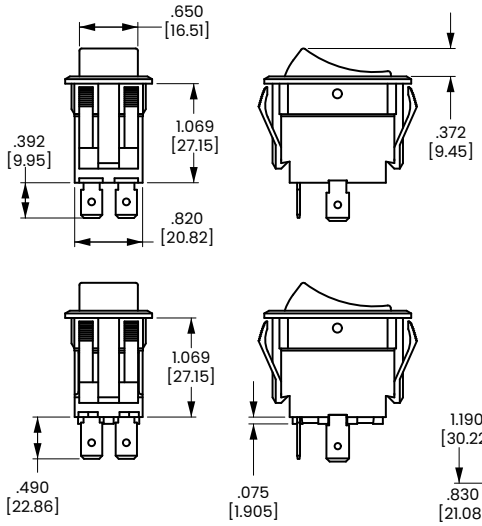


WITH.250 TAB
TERMINALS
AND FN BRACKET

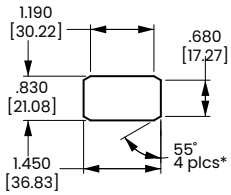
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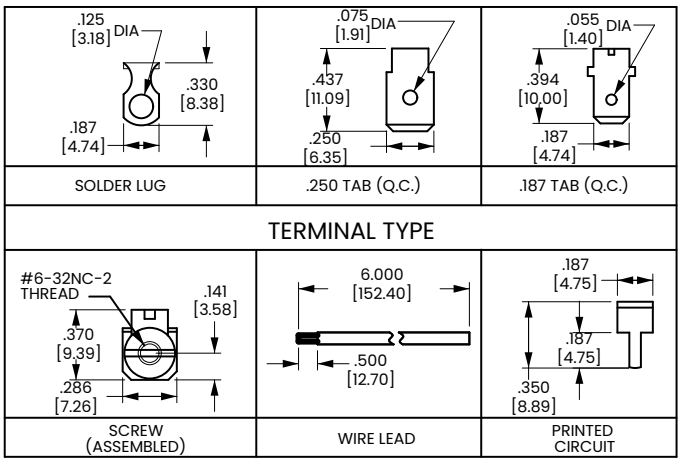
Dimensional Specs

inches [millimeters]



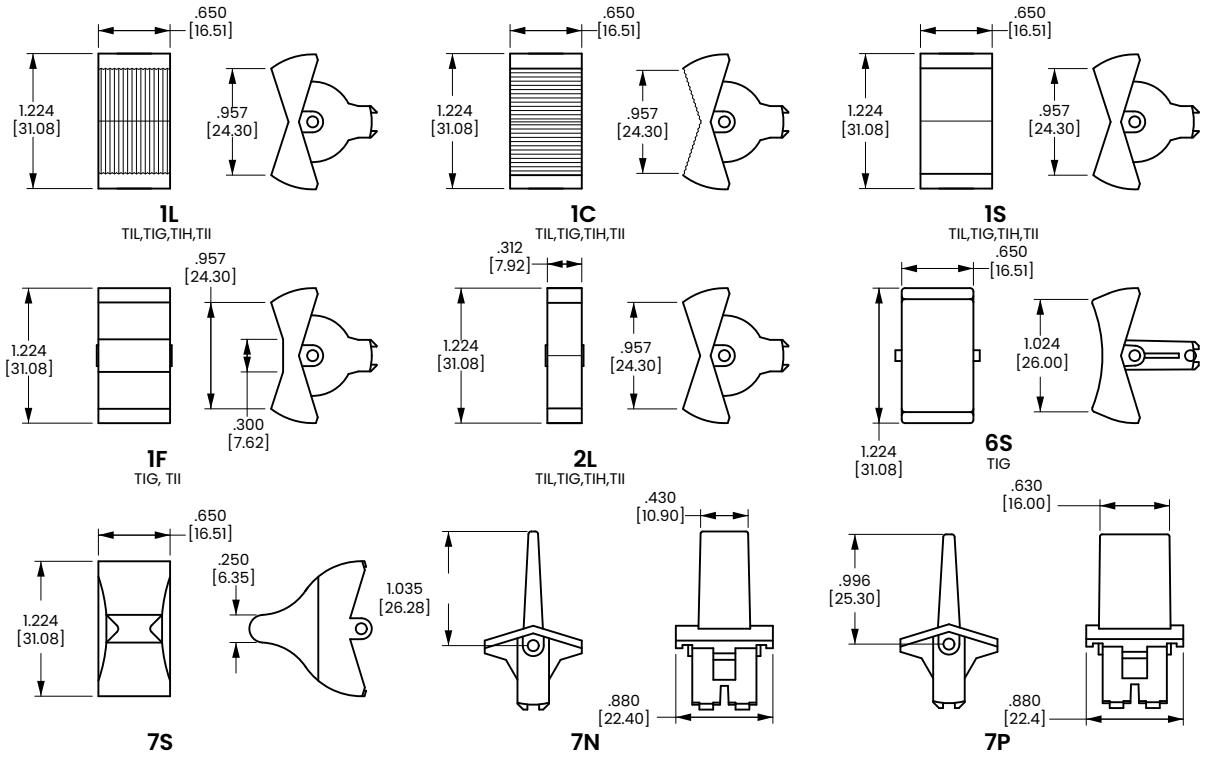
IEC APPROVED CONSTRUCTION (TIG ONLY)





MOUNTING HOLE
(Nylon Snap-in Brackets)
Panel Thickness:
.030 min. - .250 max.
Switch should be mounted at 90° for maximum water shedding
(45° to 90° acceptable)

* Angled corners are suggested for optimum fit. Standard rectangular cutout is acceptable.



SPECIAL CIRCUITS FOR TIPPETTE ROCKER SWITCHES

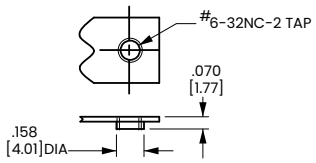
Circuit	Position 1	Position 2	Position 3
Progressive Two Circuit			
GG	Both Circuits ON	One Circuit ON	OFF
GG	Both Circuits (ON)	One Circuit ON	OFF
Single Pole Triple Throw			
GE	ON	ON	ON
Two Circuit			
GH	Circuit 1 ON	Both Circuits ON	Circuit 2 ON
GP	Circuit 2 ON	Circuit 1 ON	OFF
Reversing Double Pole Double Throw			
GO	ON	OFF	ON
GX	ON	NONE	ON

( ) Indicates momentary function.

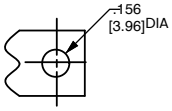
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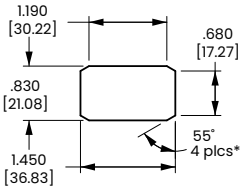
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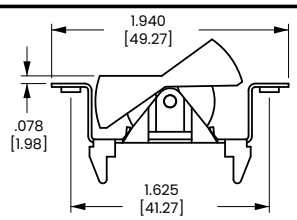
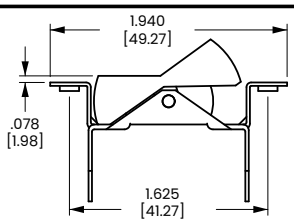
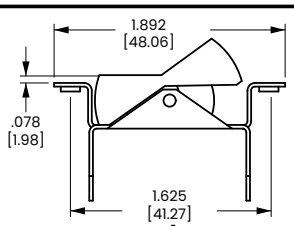
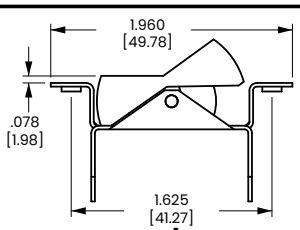
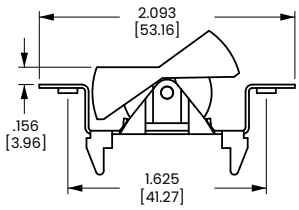
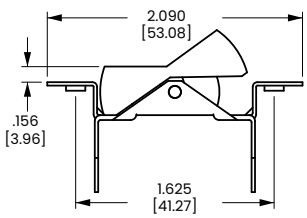
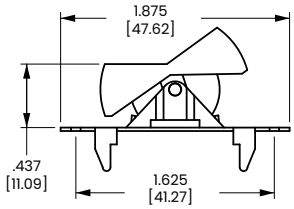
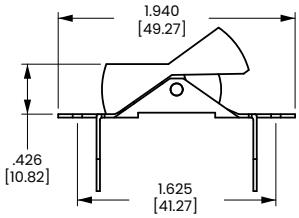
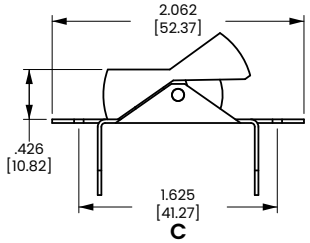
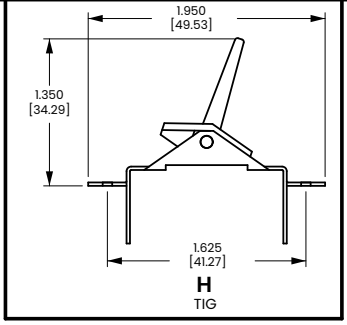
TAPPED HOLE
Standard with
A & B Brackets

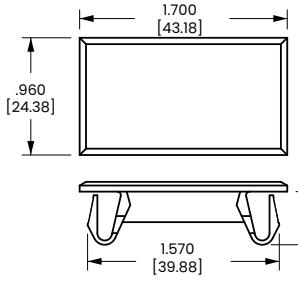


CLEARANCE HOLE
Standard with
C Bracket



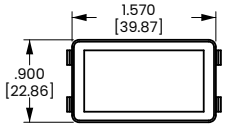
MOUNTING HOLE
(Nylon Snap-in Brackets)
Panel Thickness:
.030 min. - .250 max.
* Angled corners are suggested for optimum fit. Standard rectangular cutout is acceptable.

TIL	TIG	TII	TIH
 **A** TIL	 **A** TIG	 **A** TII	 **A** TIH
 **B** TIL	 **B** TII, TIG		
 **CX** TIL	 **C** TIG	 **C** TIH, TII	
	 **H** TIG		



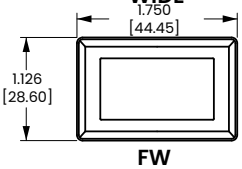
GCP GLOSS FINISH / **GMP** MATTE FINISH
HOLE PLUG
FOR TIL, TIG, TIH & TII

NARROW



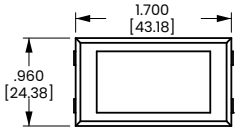
FN
TIL, TIG, TIH, TII
METAL, SNAP-IN

WIDE



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

MARINE / STD / WATERSHEDDING



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

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