

# TG/LTG

## TG/LTG-Series

### ROCKER SWITCHES

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The TG-Series Mid-Sized Tippet rocker switches are single or double pole and feature an all nylon double-insulated construction. These switches are designed with snap-in mounting for fast, low cost assembly. The illuminated version (LTG) is available with either a paddle or rocker actuator. These AC rated switches are also suitable for low-voltage DC applications assuring compatibility for a wide range of markets.



#### Product Highlights:

- ♦ Single or Double Pole
- ♦ Gloss Finish Surfaces
- ♦ Illuminated or Non-Illuminated
- ♦ 20 Available Circuit Options

#### Typical Applications:

- ♦ Appliance
- ♦ HVAC
- ♦ Food Service
- ♦ Transportation



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**Dielectric Strength**

UL/CSA:  
1000V - live to dead metal parts

**Electrical Life**

50,000 cycles - maintained  
25,000 cycles - momentary

**Mechanical Life**

100,000 cycles

**Operating Temperature**

32°F to 185°F (0°C to 85°C)

|                       |              |                      |             |                  |          |                     |                     |          |                 |          |                 |          |                    |
|-----------------------|--------------|----------------------|-------------|------------------|----------|---------------------|---------------------|----------|-----------------|----------|-----------------|----------|--------------------|
| <b>LTG</b>            | <b>G</b>     | <b>O</b>             | <b>50</b>   | <b>1</b>         | <b>-</b> | <b>T</b>            | <b>B</b>            | <b>-</b> | <b>B</b>        | <b>-</b> | <b>R</b>        | <b>/</b> | <b>125</b>         |
| 1<br>Base Part Number | 2<br>Circuit | 3<br>Center Position | 4<br>Rating | 5<br>Termination |          | 6<br>Actuator Style | 7<br>Actuator Color |          | 8<br>Base Color |          | 9<br>Lens Color |          | 10<br>Lamp Voltage |

**1 BASE PART NUMBER: SERIES**

**TG** Double Pole, Non-Lighted  
**LTG** Double Pole with Indicator Lights

**2 CIRCUIT<sup>1</sup>**

See Circuit Designation Chart

**3 CENTER POSITION**

**C** Center OFF, Three position  
**O** No Center OFF, Two position

**4 RATING**

**40** 5A 250VAC, 10A 125VAC, 1/2HP 125-250VAC  
**41** 5A 250VAC, 10A 125VAC  
**50** 10A 250VAC, 15A 125VAC, 3/4HP 125-250VAC  
**51** 10A 250VAC, 15A 125VAC

**5 TERMINATION / FUNCTION**

|               | Solder Lug | .250 Tab QC | .187 Tab QC | Wire Leads |
|---------------|------------|-------------|-------------|------------|
| On-None-Off   | <b>0</b>   | <b>1</b>    | <b>3</b>    | <b>5</b>   |
| (On)-None-Off | <b>A</b>   | <b>B</b>    | <b>D</b>    | <b>F</b>   |
| On-None-(Off) | <b>L</b>   | <b>M</b>    | <b>R</b>    | <b>T</b>   |
| On-None-On    | <b>0</b>   | <b>1</b>    | <b>3</b>    | <b>5</b>   |
| On-None-(On)  | <b>A</b>   | <b>B</b>    | <b>D</b>    | <b>F</b>   |
| On-Off-On     | <b>0</b>   | <b>1</b>    | <b>3</b>    | <b>5</b>   |

**6 ACTUATOR STYLE**

**P** Paddle **T** Rocker

**7 ACTUATOR COLOR<sup>2</sup>**

**B** Black **W** White

**8 BASE COLOR<sup>2</sup>**

**B** Black **W** White

**9 LENS COLOR<sup>3</sup>**

**A** Amber **C** Clear **R** Red

**10 LAMP VOLTAGE**

| incandescent |         | neon        |               |
|--------------|---------|-------------|---------------|
| <b>6V</b>    | 6 volt  | <b>125N</b> | 125 volt neon |
| <b>12V</b>   | 12 volt | <b>250N</b> | 250 volt neon |
| <b>18V</b>   | 18 volt |             |               |
| <b>24V</b>   | 24 volt |             |               |
| <b>28V</b>   | 28 volt |             |               |

**Notes:**

Imprinting is 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.

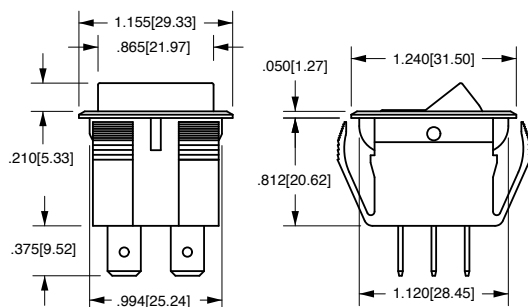
1 TG available with circuits A, B, C, D, E, F; LTG available with circuits

G, H, I, J, M, N, P, Q, R, T, U, V, Y, Z.

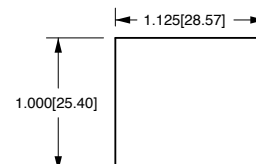
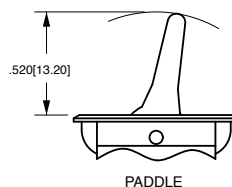
2 Custom colors are available. Consult factory.

3 Specify lens color for LTG-Series only.

( ) Indicates momentary function.



|                 |                |                 |                                              |
|-----------------|----------------|-----------------|----------------------------------------------|
|                 |                |                 |                                              |
| .069[1.75] DIA  | .156[3.96] DIA | .055[1.40] DIA  |                                              |
| .250[6.35]      | .375[9.52]     | .250[6.35]      | .500[12.70]                                  |
| .250[6.35]      | .250[6.35]     | .187[4.74]      |                                              |
| .250 TAB (Q.C.) | SOLDER LUG     | .187 TAB (Q.C.) | INTEGRATED WIRE LEAD (no exposed conductors) |
| TERMINAL TYPE   |                |                 |                                              |



**MOUNTING HOLE**  
 Panel Thickness:  
 .030[.762] min. to  
 .250[6.35] max.

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

## Circuit Designation Chart:



● CONTACT TERMINAL  
Will make contact with switching lever

● CONTACT TERMINAL AND SWITCH LEVER

○ ISOLATED TERMINAL  
Does not make contact with switching lever

○ BULB



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