TL Series
Door Interlock Switches

Features/Benefits

- ***Push/pull motion***
- ***Multiple mounting configurations***
- ***Wide variety of termination options***
- ***Ratings up to 15 AMPS***

Typical Applications

- ***Computer enclosures***
- ***Panel builders***
- ***Industrial enclosures***

Specifications

CONTACT RATING: 15 AMPS @ 125 & 250 V AC; 0.25 AMP @ 250 V DC; 0.5 AMP @ 125 V DC; 1/2 HP @ 125 & 250 V AC; 3 AMPS @ 125 V AC "L".

ELECTRICAL LIFE: 150,000 cycles at 15 AMPS @ 250 V AC.

INSULATION RESISTANCE: 1,000 M ohm min.

DIELECTRIC STRENGTH: 1,000 Vrms min. @ sea level.

OPERATING TEMPERATURE: –67°F to 302°F (–55°C to 150°C).

NOTE: Specifications and materials listed above are for switches with standard options. For information on specific and custom switches, consult Customer Service Center.

Materials

SWITCH HOUSING: Thermoplastic or general purpose phenolic (UL 94V-0).

MOUNTING BRACKET: Stainless steel.

PLUNGER: Stainless steel.

ACTUATOR BUTTON: Thermoplastic (UL 94V-0).

SPRING: Copper alloy.

PIVOT: Brass alloy.

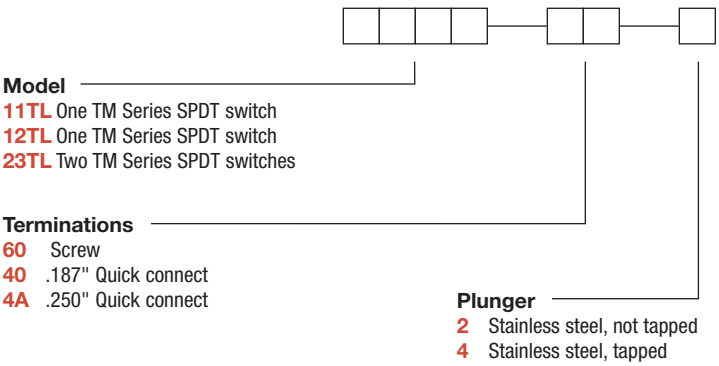
MOVABLE CONTACT: Fine silver.

STATIONARY CONTACTS: Fine silver.

TERMINALS: Copper alloy.

Build-A-Switch

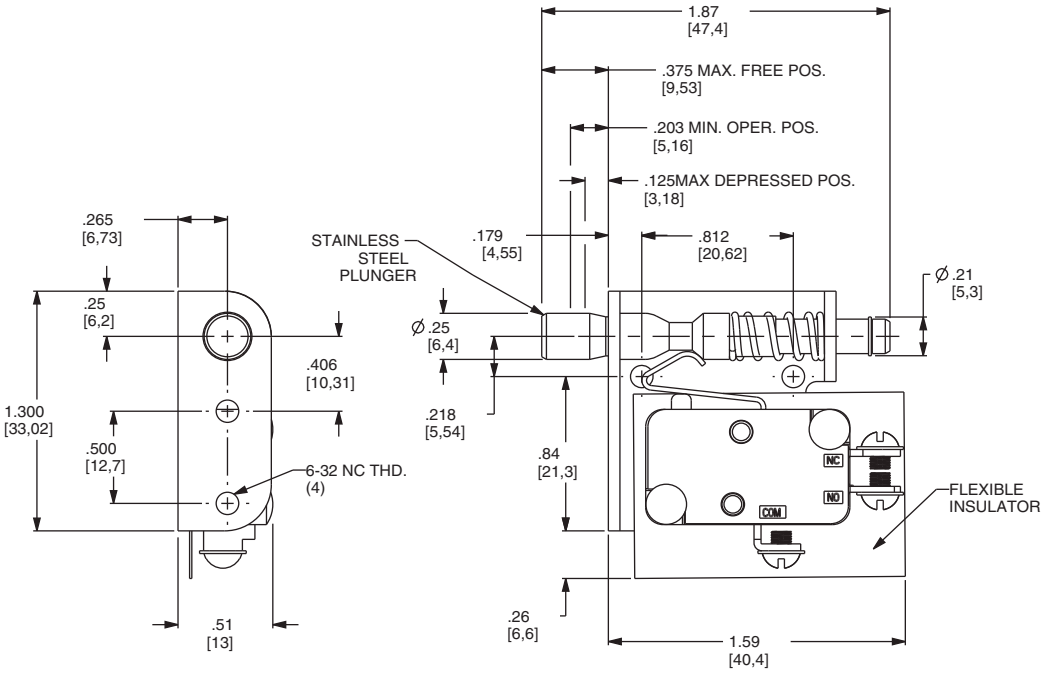
To order, simply select desired option from each category and place in the appropriate box. Available options are shown and described on pages J-61 and J-62. For additional options not shown in catalog, consult Customer Service Center.



MODEL ☐☐☐☐ ■■ ■

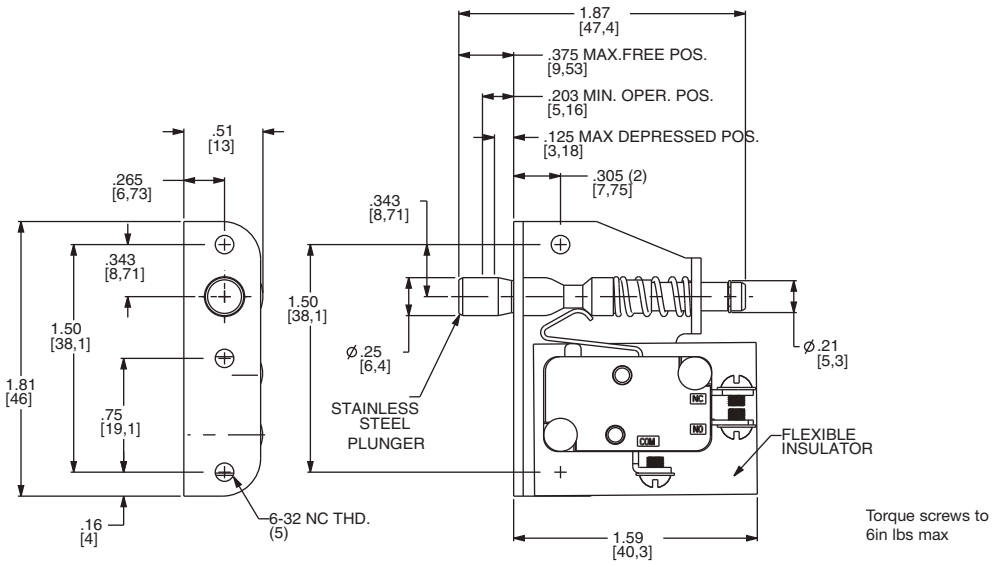
11TL WITH SMALL BRACKET

11TL602
SPDT



12TL WITH LARGE BRACKET

12TL602
SPDT



Torque screws to
6in lbs max

J Snap-acting

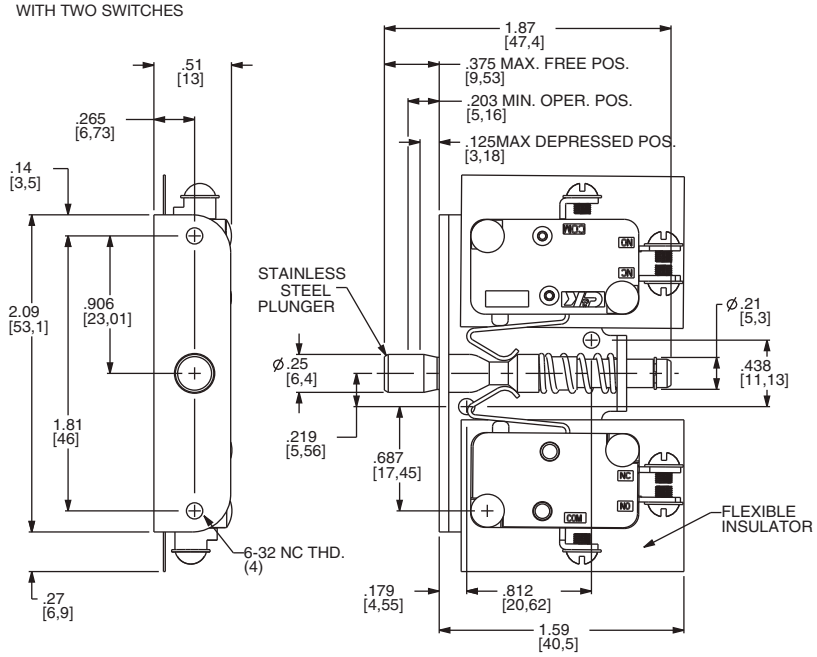
Third Angle
Projection

Dimensions are shown: Inches (mm)
Specifications and dimensions subject to change

TL Series
Door Interlock Switches

MODEL

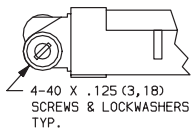
23TL WITH TWO SWITCHES

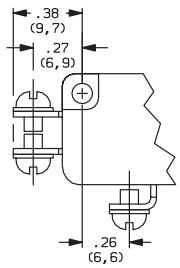


23TL602
SPDT

TERMINATIONS

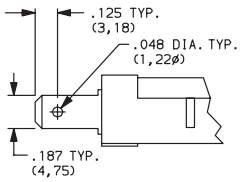
60 SCREW TERMINALS

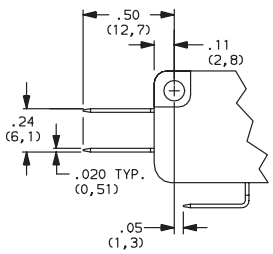




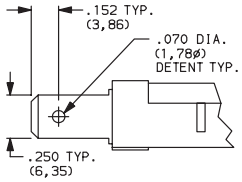
Torque screws to
6in lbs max

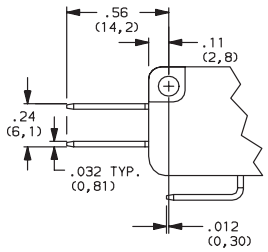
40 .187" QUICK CONNECT





4A .250" QUICK CONNECT





PLUNGERS

2 STAINLESS STEEL, NOT TAPPED

4 STAINLESS STEEL, TAPPED 4-40 x .375 (9,52) min. depth

Third Angle Projection

Dimensions are shown: Inch (mm)
Specifications and dimensions subject to change