

TL Series

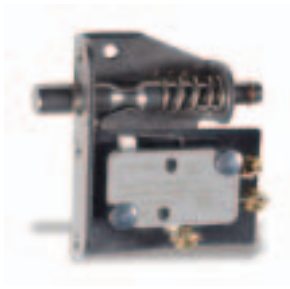
Door Interlock Switches

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** One TM Series SPDT switch
- 12TL** One TM Series SPDT switch
- 23TL** Two TM Series SPDT switches

Terminations

- 60** Screw
- 40** .187" Quick connect
- 4A** .250" Quick connect

Plunger

- 2** Stainless steel, not tapped
- 4** Stainless steel, tapped



MODEL

[illegible]

Snap-acting

Technical drawing of the 1000 Series Solenoid Valve, showing front and side views with dimensions in inches and millimeters.

Front View Dimensions:

- Overall Width: 1.87 [47,4]
- Top Flange Width: .375 MAX. FREE POS. [9,53]
- Coil Body Width: .203 MIN. OPER. POS. [5,16]
- Bottom Flange Width: .125 MAX DEPRESSED POS. [3,18]
- Coil Body Depth: .305 (2) [7,75]
- Top Flange Thickness: .51 [13]
- Coil Body Thickness: .265 [6,73]
- Coil Body Diameter: 1.50 [38,1]
- Coil Body Mounting Hole Diameter: .75 [19,1]
- Coil Body Mounting Hole Spacing: .343 [8,71]
- Coil Body Mounting Hole Diameter: .16 [4]
- Coil Body Mounting Hole Thread: 6-32 NC THD. (5)

Side View Dimensions:

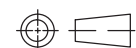
- Overall Height: 1.81 [46]
- Coil Body Height: 1.50 [38,1]
- Coil Body Mounting Hole Diameter: .75 [19,1]
- Coil Body Mounting Hole Spacing: .343 [8,71]
- Coil Body Mounting Hole Diameter: .16 [4]
- Coil Body Mounting Hole Thread: 6-32 NC THD. (5)

Internal Components and Labels:

- STAINLESS STEEL PLUNGER
- FLEXIBLE INSULATOR
- COIL
- NO (Normally Open)
- NC (Normally Closed)
- COM (Common)

Torque screws to 6in lbs max

Torque screws to
6in lbs max

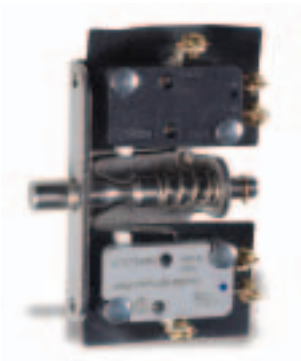
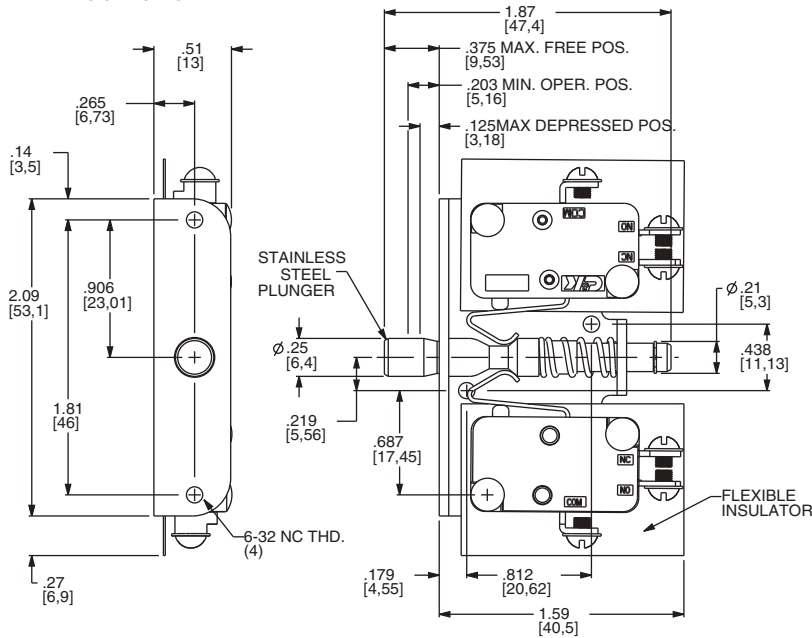


Dimensions are shown: Inches (mm)
Specifications and dimensions subject to change

TL Series Door Interlock Switches

MODEL

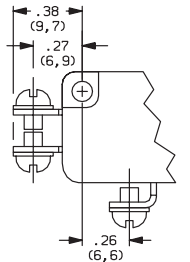
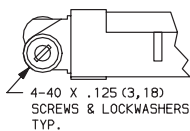
23TL WITH TWO SWITCHES



23TL602
SPDT

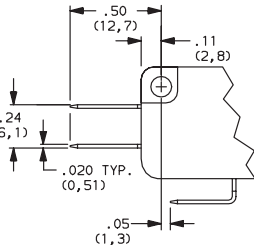
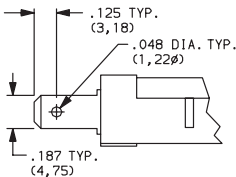
TERMINATIONS

60 SCREW TERMINALS

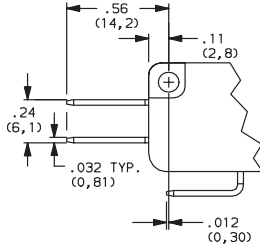
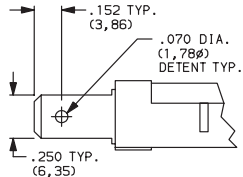


Torque screws to
6in lbs max

40 .187" QUICK CONNECT



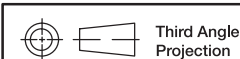
4A .250" QUICK CONNECT



PLUNGERS

2 STAINLESS STEEL, NOT TAPPED

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



Dimensions are shown: Inch (mm)
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