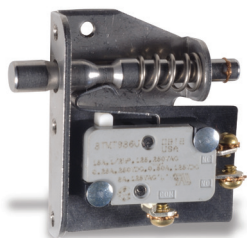


TL Series Door Interlock Switches



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-83 and J-84. 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

The technical drawing illustrates the SMC Model R60-100 solenoid valve from two perspectives: a front view (left) and a side view (right).

Front View Dimensions:

- Total height: 1.300 [33,02]
- Top flange width: .265 [6,73]
- Flange thickness: .25 [6,2]
- Distance between mounting holes: .500 [12,7]
- Mounting hole diameter: Ø.25 [6,4]
- Bottom flange width: .51 [13]
- Thread specification: 6-32 NC THD. (4)

Side View Dimensions:

- Total length: 1.87 [47,4]
- Stroke length: .375 MAX. FREE POS. [9,53]
- Operational stroke length: .203 MIN. OPER. POS. [5,16]
- Depressed position length: .125 MAX DEPRESSED POS. [3,18]
- Plunger diameter: Ø.25 [6,4]
- Plunger length: .179 [4,55]
- Coil housing diameter: Ø.21 [5,3]
- Coil housing length: .812 [20,62]
- Terminal block height: .26 [6,6]
- Terminal block length: 1.59 [40,4]
- Terminal block mounting hole offset: .84 [21,3]
- Terminal block terminal pitch: .218 [5,54]
- Terminal block terminal width: .406 [10,31]

Labels and Callouts:

- STAINLESS STEEL PLUNGER
- FLEXIBLE INSULATOR



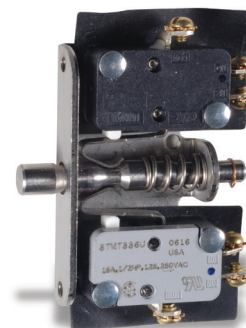
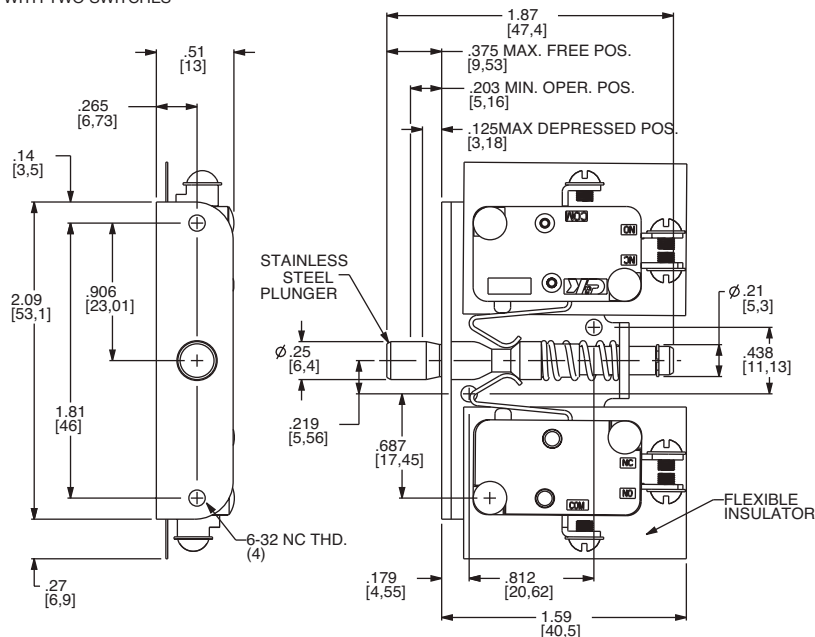
Third Angle Projection

C&K®

TL Series Door Interlock Switches

MODEL

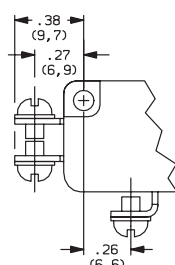
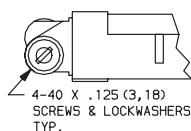
23TL WITH TWO SWITCHES



23TL602
SPDT

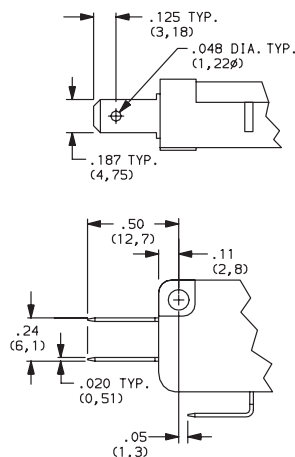
TERMINATIONS

60 SCREW TERMINALS

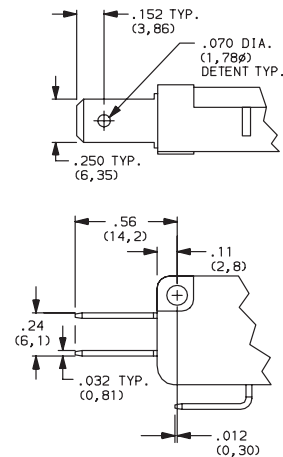


Torque screws to 6in lbs max

40 .187" QUICK CONNECT



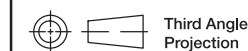
4A .250" QUICK CONNECT



PLUNGERS

2 STAINLESS STEEL, NOT TAPPED

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



Third Angle
Projection

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

www.ckswitches.com