

C&K 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: For the latest information regarding RoHS compliance, please go to: www.ittcannon.com/rohs.

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 K-51 and K-52. 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

Snap-acting



K



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

MODEL



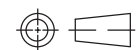
The technical drawing illustrates the Model 6000-10000 Series Transducer Assembly. It includes two views: a front view on the left and a side view on the right.

Front View Dimensions:

- Total height: 1.308 (33, 22)
- Top section height: .265 (6, 73)
- Section below top: .25 (6, 4)
- Section below that: .500 (12, 70)
- Bottom section height: .406 (10, 31)
- Width: .520 (13, 21)

Side View Dimensions and Labels:

- Overall length: 1.88 (47, 8)
- Distance from front face to first feature: .375 MAX. FREE POS. (9, 53)
- Distance to second feature: .203 MIN. OPER. POS. (5, 16)
- Distance to third feature: .125 MAX. DEPRESSED POS. (3, 18)
- Length of main body: .812 (20, 62)
- Plunger diameter: .25 DIA. (6, 4ø)
- Plunger length: .179 (4, 55)
- Distance from plunger tip to start of main body: .218 (5, 54)
- Main body diameter: .25 DIA. (6, 4ø)
- Distance from front face to main body start: .84 (21, 3)
- Distance from front face to bottom flange: .27 (6, 9)
- Bottom flange width: 1.59 (40, 4)
- Labels on the transducer face: N.C., N.O., COM.
- Label pointing to the bottom flange: FLEXIBLE INSULATOR
- Label pointing to the plunger: STAINLESS STEEL PLUNGER
- Label pointing to the mounting holes: 6-32 NC THD. (4)

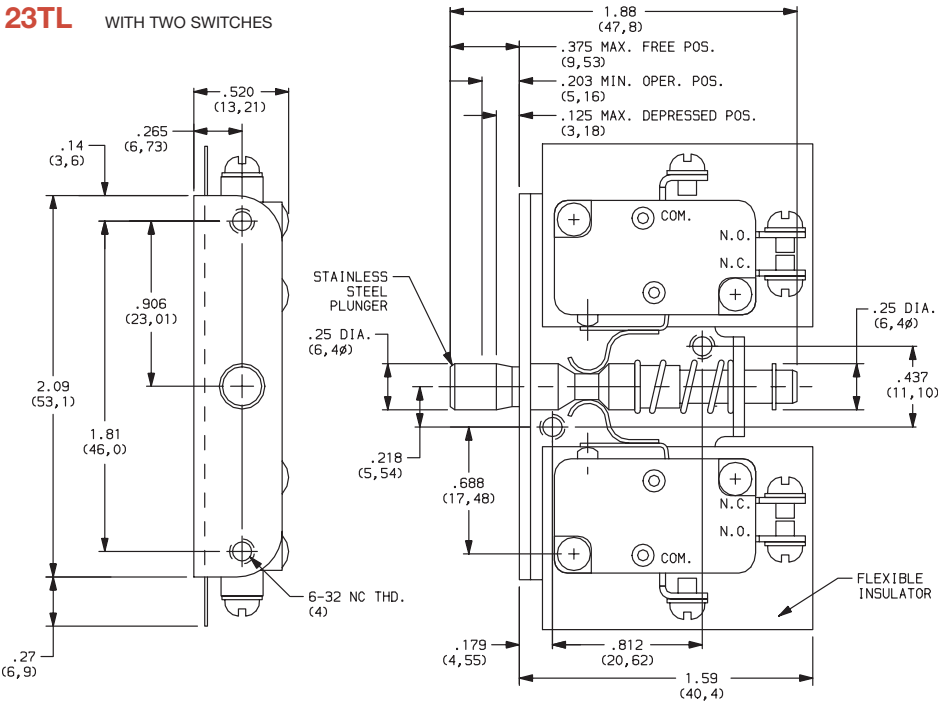
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Dimensions are shown: Inch (mm)
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MODEL

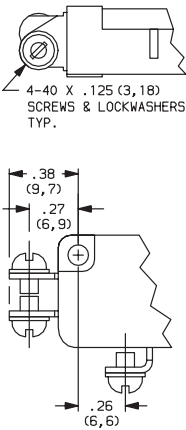
23TL WITH TWO SWITCHES



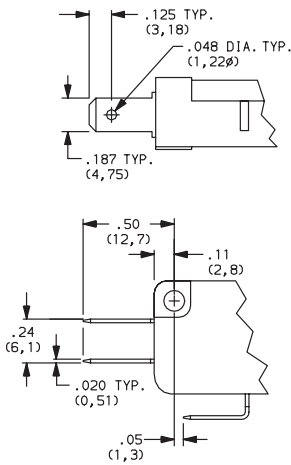
23TL602
SPDT

TERMINATIONS

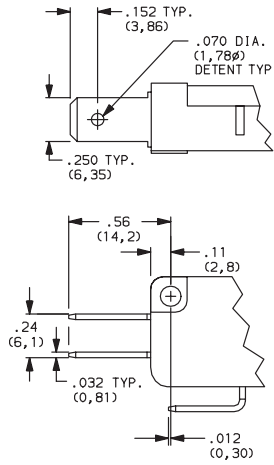
60 SCREW TERMINALS



40 .187" QUICK CONNECT



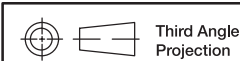
4A .250" QUICK CONNECT



PLUNGERS

2 STAINLESS STEEL, NOT TAPPED

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



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Specifications and dimensions subject to change

www.ittcannon.com