Explosion Proof Temperature Switches Series T1X, T2X, L1X

Features

- Explosion-proof for hazardous locations
- High accuracy
- Remote, local or ambient sensing
- UL, CSA & ATEX approved
- NEMA 4, 7, 9 & IP66

Applications

- Oil & gas
- Heat tracing
- **Printing machinery**
- Compressors
- Process equipment

Machine tools and industrial equipment Distributed by:

M.A. Selmon Company, Inc 4 Oxford Rd. Milford, CT 06460 203-377-3525

General Specifications*

| Accuracy: (Repeatability) | ±1% of mid-60% of full range. At constant ambient +/- 0.5% of full scale. (Knob indication is reference only) |
|--------------------------------|---|
| Switch: Single Setting: | One (1) single pole double throw (SPDT) circuit. |
| Dual Setting: | Two (2) independent single pole double throw (SPDT) circuits. |
| Electrical Characteristics: | All models incorporate Underwriters' Laboratories, Inc. and CSA listed single pole double throw snap-action switching elements. Switches may be wired normally open or normally closed. |
| Wetted Parts: | 304 stainless steel |
| Electrical Connection: | Single: 3-pin terminal strip Dual: 6-pin terminal strip |
| Electrical Ratings: | AC value at 75% power factor —10 amps 125, 250 volts AC, 3 amps 480 volts AC. Automatically reset by snap-action of switch. |
| Enclosure/Housing: | Class I, Division 1 & 2 NEMA 4, 7, & 9 Tamper-proof external adjustment, enclosed terminal strip. |



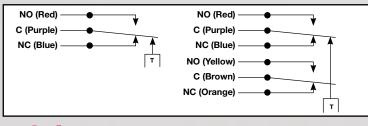
| Local Mount: | Immersion length 2-1/16 inches | |
|-------------------------------------|--|--|
| Bulb & Capillary: | 6 foot length standard. | |
| Approvals: | Underwriters' Laboratories, Inc. and Canadian Standard Assoc. are listed under Temperature indicating and regulating equipment, for use in hazardous locations, Class I, Groups B, C and D; Class II, Groups E, F and G. | |
| UL (standard): | File No. E58658, Guide No. XBDV | |
| CSA (standard): | File No. LR34556, Guide 400-E-O.8. Class 4868. | |
| ATEX (optional): | EX models are ATEX marked as follows: C 0344, ISSeP 08 ATEX029X (\bigcirc II 2G D, Ex d IIC T6 Gb Ex tb IIIC T80°C Db IP66 -40°C \leq Tamb \leq +75°C | |
| Temperature Range: | See product configurator | |
| Adjustment: | Tamper resistant external adjustment. Turn knob clockwise to increase setpoint. (Knob indication is reference only) | |
| Standard Options/ Modifications: | For thermowels, split nuts and union connections, see accessory pages. | |
| Weight: | Single - approximate 4.0 lbs. Dual - approximate 4.5 lbs. | |

* See Product Configurator for additional options.

Wiring Code

| Lead | Circuit #1 | Circuit #2 |
|-----------------|------------|------------|
| Normally Closed | Blue | Orange |
| Common | Purple | Brown |
| Normally Open | Red | Yellow |

Wiring Diagram

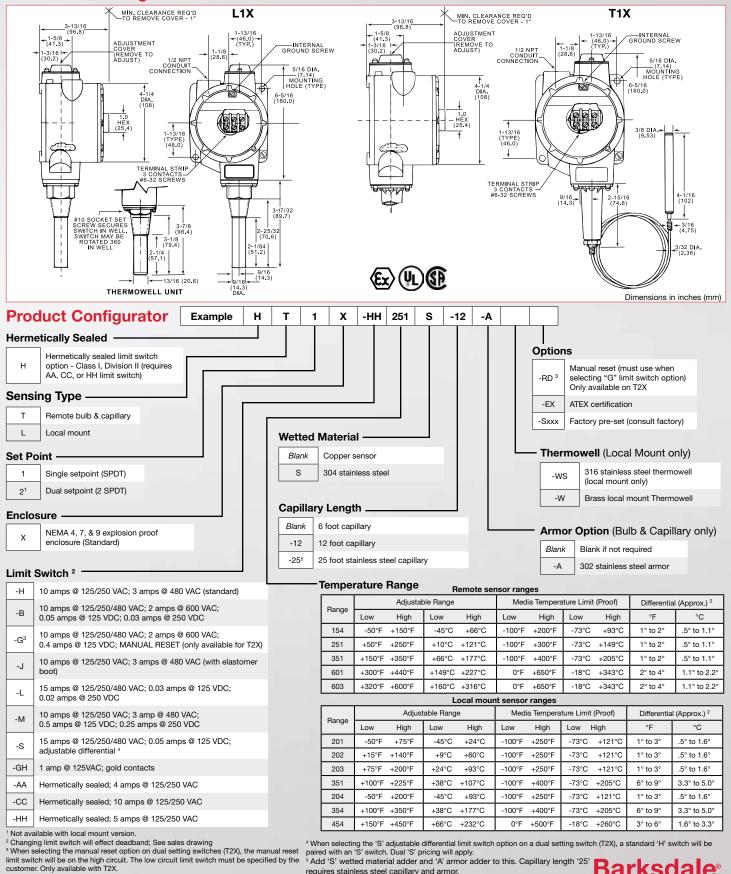


CONTROL PRODUCTS CRANE Barksdale, Inc./Barksd A Subsidiary of Crane

Bar

Explosion Proof Temperature Switches Series T1X, T2X, L1X

Technical Drawing



See Barksdale's Standard Conditions of Sale • Specifications are subject to modification at any time • Bulletin #T0022-N • 01/16 • ©2016 • Printed in the U.S.A.

3211 Fruitland Avenue • Los Angeles, CA 90058 • 2 800-835-1060 • Fax: 323-589-3463 • www.barksdale.com CONTROL PRODUCTS