## **Remote Mount Temperature Switches**

### Features

- Reliable & accurate
- Ambient temperature compensated
- NEMA 4, 13
- UL, CSA & CE approved
- Single or dual switching

#### **Applications**

- Marine & shipbuilding
- Railroad
- Oil & gas
- Medical
- Compressors
- Water equipment
- Process equipment
- Machine tools and industrial equipment



Series MT1H, T2H

## **General Specifications\***

| Accuracy:<br>(Repeatability)   | $\pm 1\%$ of mid-60% of full range. At<br>constant ambient $\pm 0.5\%$ of full scale.<br>(Knob indication is reference only)  |  |
|--------------------------------|---|--|
| Switch:                        | One (1) SPDT or two (2) independent<br>SPDT circuits  |  |
| Electrical<br>Characteristics: | All models incorporate Underwriters'<br>Laboratories, Inc. and CSA listed single<br>pole double throw snap-action switching<br>elements. Switches may be wired<br>normally open or normally closed. |  |
| Wetted Parts:                  | Copper or 304 stainless steel   |  |
| Electrical<br>Connection:      | Single: 3-Pin terminal strip<br>Dual: 6-Pin terminal strip  |  |
| Electrical Ratings:            | AC value at 50% power factor —10 amps<br>@ 125, 250 volts AC, 3 amps @ 480 volts<br>AC. Automatically reset by snap-action of<br>switch.  |  |
| Enclosure/Housing:             | Watertight and dust-tight indoor and<br>outdoor (NEMA 4)/oil-tight and dust-tight<br>indoor (NEMA 13).  |  |

| Bully & Carrillana | 0 and 10 fact langethe standard. Or a  |  |
|--------------------|--|--|
| Bulb & Capillary:  | 6 and 12 foot length standard. See operating characteristics and product con-  |  |
|                    | figurator.   |  |
| Approvals:         | Underwriters' Laboratories, Inc. and<br>Canadian Standard Assoc. are listed under<br>temperature indicating and regulating<br>equipment. |  |
| UL:                | File No. E56247, Guide No. XAPX  |  |
| CSA:               | File No. LR34555, Guide 400-E-O<br>Class 4813  |  |
| Temperature Range: | See product configurator   |  |
| Adjustment:        | Tamper resistant external adjustment. Turn<br>knob clockwise to increase setpoint.<br>(Knob indication is reference only)                |  |
| Weight:            | Single: approximate 1.5 lbs.<br>Dual: approximate 3.0 lbs.   |  |

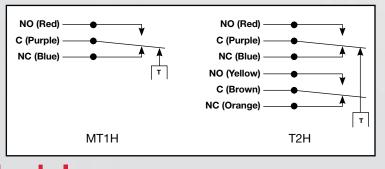
\* See Product Configurator for additional options.

## Wiring Code

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

## Wiring Diagram

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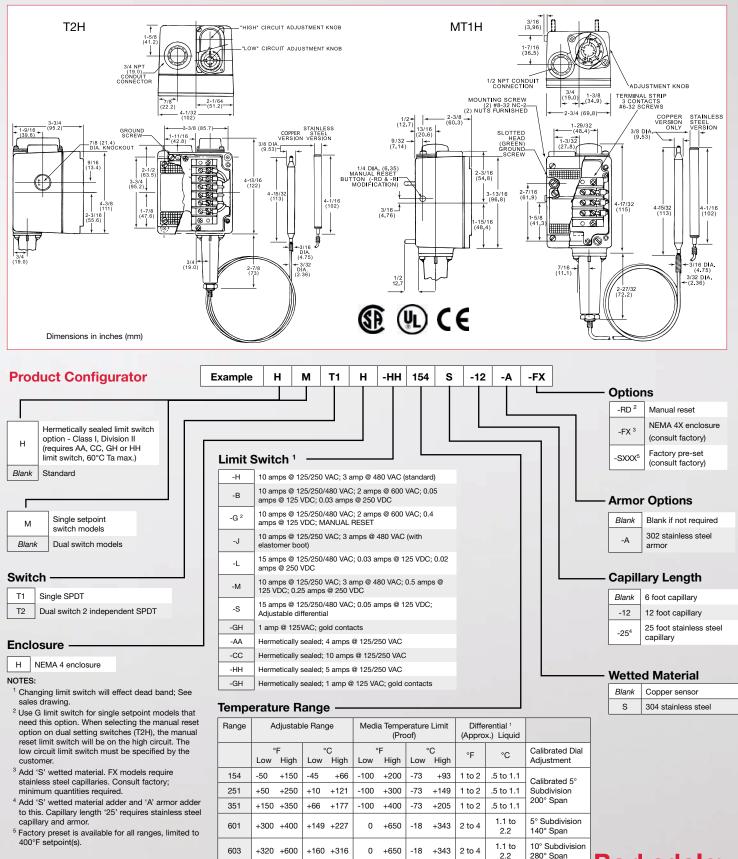
CONTROL PRODUCTS CRANE Barksdale, Inc./Barksdale GmbH A Subsidiary of Crane Co.

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## **Remote Mount Temperature Switches**

# Series MT1H, T2H

### **Technical Drawing**



3211 Fruitland Avenue • Los Angeles, CA 90058 • 2 800-835-1060 • Fax: 323-589-3463 • www.barksdale.com CONTROL PRODUCTS See Barksdale's Standard Conditions of Sale • Specifications are subject to modification at any time • Bulletin #T0021-N • 06/16 • ©2016 • Printed in the U.S.A.

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