Local Mount Temperature Switches

ML1H, L2H

Features

- Reliable & accurate
- Local sensing
- ► NEMA 4 & IP 65
- UL, CSA & CE approved
- Single or dual switching

Applications

- Oil & gas
- Mining
- ► Tanks and reservoirs
- Compressors
- Plastic machinery
- ► Factory automation
- Process equipment
- Machine tools and industrial equipment



General Specifications*

Accuracy:	±1% of mid-60% of full range. At constant ambient ±0.5% of full scale.
Switch:	Single: 1 SPDT Dual switching: 2 independent 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:	Brass or 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:	Water-tight and dust-tight indoor and outdoor (NEMA 4) / oil-tight and dust-tight indoor (NEMA 13).
Local Mount:	Immersion length 2-1/16 inches

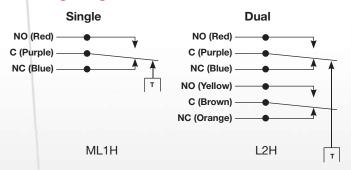
* See Product	Configurator	tor	additional	options.

Approvals/Listings:	Underwriters' Laboratories, Inc. and Canadian Standard Assoc. are listed under temperature indicating and regulating equipment.	
UL:	File No. E56247, Guide No. XAPX	
CSA:	File No. LR34555, Guide 400-E-O Class 4813	
Temperature Range:	See product configurator.	
Adjustment:	Tamper resistant external adjustment. Turn knob clockwise to increase setpoint.	
Weight:	Single: approximate 1.5 lbs. Dual: approximate 3.0 lbs.	

Wiring Code

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

Wiring Diagram

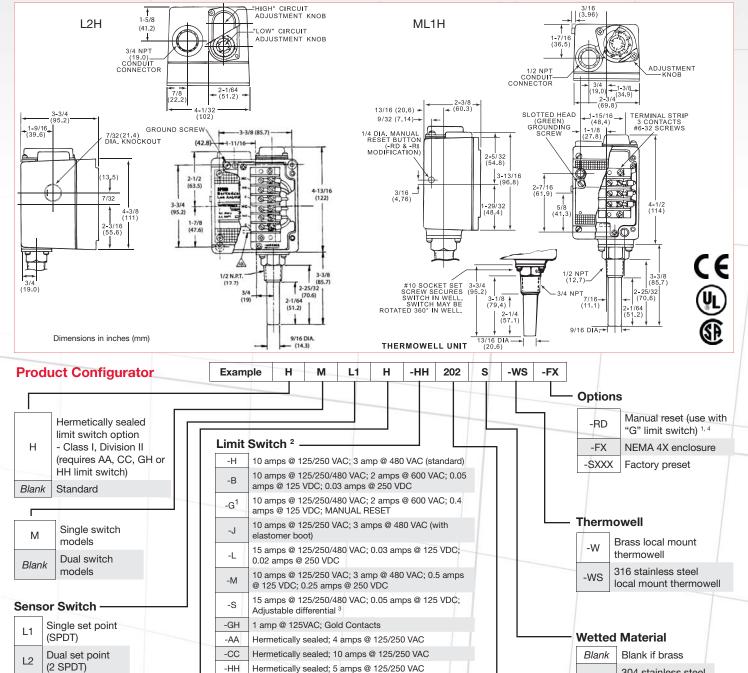




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Enclosure

NEMA 4 & IP65 enclosure

NOTES:

Use G limit switch for single set point models that need this option. When selecting the manual reset option on dual setting switches (L2H), the manual reset limit switch will be on the high circuit. The low circuit limit switch must be specified by the customer.

-GH

³ When selecting the 'S' adjustable differential limit switch option on a dual setting switch (L2H), a standard 'H' switch will be paired with an 'S' switch. Dual 'S' pricing will apply.

304 stainless steel

sensor

Hermetically selaed; 1 amp @ 125 VAC; gold contacts

² Changing limit switch will effect dead band; See sales drawing.

Range Adjustable Range Media Temperature Limit (Proof) Differential (Approx.) 2 Low High Low High Hiah Low °C Low 201 -50°F +75°F -45°C +24°C -100°F +250°F -73°C +121°C 1° to 3° .5° to 1.6° 202 +15°F +140°F -9°C +60°C -100°F +250°F -73°C +121°C 1° to 3° .5° to 1.6° 203 +75°F +200°F +24°C +93°C -100°F +250°F -73°C +121°C 1° to 3° .5° to 1.6° 351 +100°F +225°F +38°C +107°C -100°F -73°C +205°C 1° to 3° .5° to 1.6° 1° to 3° +93°C +250°F 204 -50°F +200°F -45°C -100°F -73°C +121°C .5° to 1.6° 1° to 3° 354 +100°F +350°F +38°C +177°C -100°F +400°F -73°C +205°C .5° to 1.6° +150°F +450°F +66°C +232°C +500°F -18°C +260°C 1.6° to 3.3° 3° to 6°

⁴ Not available with hermetically sealed limit switches