



## Temperature Switches, Watertight Enclosure, L-Series

*This broad Ashcroft® switch series is easy to use and readily retrofits to virtually all process, industrial and OEM applications.*

- Single or dual independently adjustable setpoint(s) meet all setpoint requirements
- Watertight NEMA 4X, IP66 enclosure
- Choice of switch elements for all applications, including hermetically sealed
- Fixed or fully adjustable deadband
- Readily available
- UL, CSA listings standard



### 1 - FUNCTION

**LTA** - Temperature control, single setpoint, adjustable deadband

**LTD** - Temperature control, two independently adjustable setpoints, fixed deadband

**LTS** - Temperature control, single setpoint, fixed deadband

### 2 - ENCLOSURE

**N4** - NEMA 4/4X, IP66 (watertight and corrosion resistant)

### 3 - SWITCH ELEMENTS FOR LTA CONTROLS

Order Code	Description	Maximum Electrical Ratings UL/CSA listed SPDT
H	General purpose	10A, 125/250 Vac 1/2A, 125 Vdc 1/4A, 250 Vdc
J	Hermetically sealed switch, general purpose	11A, 125/250 Vac 5A, 30 Vdc

### SWITCH ELEMENTS FOR LTD & LTS CONTROLS

Code	Switch elements UL/CSA listed			
	Single (LS)	Dual (LD)		
K <sup>(2)</sup>	KK	Narrow deadband	15A, 125/250 Vac	
F <sup>(2)</sup>	FF	Sealed environment proof	15A, 125/250 Vac	
G <sup>(3)</sup>	GG	General purpose	15A, 125/250/480 Vac 1/2A, 125 Vdc 1/4A, 250 Vdc	
P <sup>(1)</sup>	PP	Hermetically sealed switch, narrow deadband	5A, 125/250 Vac	
	J	JJ	Hermetically sealed switch, general purpose	11A, 125/250 Vac 5A, 30 Vdc

### 4 - LINE LENGTH SELECTION<sup>(4)</sup>

DIRECT MOUNT		
Order Code	Line Length ft	Style
00	Not Applicable	Rigid
REMOTE MOUNT		
05	5	Capillary
10	10	with
15	15	Armor
20	20	(Std.)
25	25	

### LINE MATERIAL

DIRECT MOUNT	
Order Code	Description
	No entry required for direct mount
REMOTE MOUNT	
A7	SS Armor (Std.)

### 6 - BULB LENGTH SELECTION<sup>(5)</sup>

DIRECT MOUNT		
Order Code	"S" Dimension	Minimum Thermowell "U" Dimension
027	2 <sup>3</sup> / <sub>4</sub> "	—
040	4"	2 <sup>1</sup> / <sub>2</sub> "
060	6"	4 <sup>1</sup> / <sub>2</sub> "
090	9"	7 <sup>1</sup> / <sub>2</sub> "
120	12"	10 <sup>1</sup> / <sub>2</sub> "
REMOTE MOUNT		
030	3"	2-1/2"

### 7 - OPTIONS

See page 163-164

### 8 - STANDARD TEMPERATURE RANGES

See page 162

#### NOTES:

1. Estimated dc rating, 2.5A, 28 Vdc (not UL listed).
2. Estimated dc rating, 0.4A, 120 Vdc (not UL listed).
3. Not UL listed at 480 Vac.
4. Additional line lengths available, call factory.
5. Additional bulb lengths available, call factory.

### TO ORDER THIS L-SERIES TEMPERATURE SWITCH:

Select: **LTA** **N4** **H** **05** **A7** **030** **XNH** **150° to 260°F**

1. Function: \_\_\_\_\_
2. Enclosure: \_\_\_\_\_
3. Switch Element: \_\_\_\_\_
4. Line Length: \_\_\_\_\_
5. Thermal System: \_\_\_\_\_
6. Bulb Length: \_\_\_\_\_
7. Options (page 163-164): \_\_\_\_\_
8. Temperature Range (page 162): \_\_\_\_\_