ASHCROFT®

Temperature Switches, Watertight 316 Stainless Steel Enclosure, G-Series

This Ashcroft® specialty switch series is ideally suited for harsh and corrosive environments often found in many process, industrial and OEM applications.

- ***Watertight NEMA 4X, IP65 enclosure***
- ***316 SS construction***
- ***Choice of switch elements for all applications, including hermetically sealed***
- ***Single or dual independently adjustable setpoints meet all setpoint requirements***
- ***Fixed or fully adjustable deadband***
- ***Readily available***
- ***UL, CSA listings standard***

1 - FUNCTION

GTA - Temperature control, single setpoint, adjustable deadband

GTD - Temperature control, two independently adjustable setpoints, fixed deadband

GTS - Temperature control, single setpoint, fixed deadband

2 - ENCLOSURE

N4 - NEMA 4/4X, IP65 (watertight and corrosion resistant)

3 - SWITCH ELEMENTS FOR GTA 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 GTD & GTS CONTROLS

Code		Switch elements UL/CSA Listed	
Single GS)	Dual (GD)		
K[2]	KK	Narrow deadband	15A, 125/250 Vac
F[2]	FF	Sealed environment proof	15A, 125/250 Vac
G[3]	GG	General purpose	15A, 125/250/480 Vac 1/2A, 125 Vdc 1/4A, 250 Vdc
P[1]	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[4]

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

5 - THERMAL SYSTEM SELECTION

LINE MATERIAL

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

6 - BULB LENGTH SELECTION[5]

Order Code	"S" Dimension	Minimum Thermowell "U" Dimension
Direct Mount		
027	2¾″	—
040	4″	2½″
060	6″	4½″
090	9″	7½″
120	12″	10½″
Remote Mount		
030	3″	2½″

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 G-SERIES TEMPERATURE SWITCH:

Select:	GTA	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):								

Reference Bulletin SW-13

Consult factory for guidance in product selection
Phone (203) 878-5641, FAX (203) 877-8519 or
visit our web site at www.ashcroft.com

DRESSER INSTRUMENT
a Halliburton company