

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

- **Watertight NEMA 4X, IP66 enclosure**
- **Choice of switch elements for all applications, including hermetically sealed (NEMA 4 meets Class I, Div. 2, Groups A, B, C, & D with hermetically sealed switch)**
- **UL, CSA listings standard**

- **Setpoints adjustable from 15-100% of range**
- **Wetted material is all-welded stainless steel**
- **Fixed or limited adjustable deadband**
- **Readily available**



**1 - ENCLOSURE**

**T4** - Temperature switch, type 400, watertight enclosure meets NEMA 3, 4, 4X and 13, IP66 requirements

**2 - SWITCH ELEMENTS**

Order Code	Description/Maximum Electrical Ratings UL/CSA Listed SPDT	
20 <sup>(4)</sup>	Narrow deadband	15A, 125/250 Vac
21	Ammonia service	5A, 125/250 Vac
22 <sup>(3)</sup>	Hermetically sealed switch, narrow deadband	5A, 125/250 Vac
23	Heavy duty ac	20A, 125/250 Vac
24 <sup>(1)</sup>	General purpose	15A, 125/250/480 Vac 1/2A, 125 Vdc 1/4A, 250 Vdc
25	Heavy duty dc	10A, 125/ Vac or dc 1/8HP 125/ Vac or dc
26 <sup>(4)</sup>	Sealed environment proof	15A, 125/250 Vac
27	High temp. 300°F	15A, 125/250 Vac
28	Manual reset trip on increasing	15A, 125/250 Vac
29	Manual reset trip on decreasing	15A, 125/250 Vac
31	Low level (gold) contacts	1A, 125/250 Vac
32	Hermetically sealed switch, general purpose	11A, 125/250 Vac 5A, 30 Vdc
50	Variable deadband	15A, 125/250 Vac
<b>UL/CSA Listed Dual SPDT<sup>(2)</sup></b>		
61 <sup>(4)</sup>	Dual narrow deadband	15A, 125/250 Vac
62 <sup>(4)</sup>	Dual narrow environment proof	15A, 125/250 Vac
63	Dual high temp. 300°F	15A, 125/250 Vac
64	Dual general purpose	15A, 125/250/480 Vac 1/2A, 125 Vdc 1/4A, 250 Vdc
65	Dual ammonia service	5A, 125/250/480

**3 - THERMAL SYSTEM SELECTION<sup>(5)</sup>**

DIRECT MOUNT			
Order Code	System Material	Style	
TS	316 stainless steel	Rigid	
REMOTE MOUNT			
Order Code	System Material	Line Length	Style
T05	316 stainless steel	5'	Capillary
T10	316 stainless steel	10'	with
T15	316 stainless steel	15'	302 SS
T20	316 stainless steel	20'	Spring
T25	316 stainless steel	25'	Armor

**4 - BULB LENGTH SELECTION<sup>(6)</sup>**

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

**5 - OPTIONS**

See pages 238-239

**6 - STANDARD TEMPERATURE RANGES**

See page 235

**NOTES:**

1. Standard switch.
  2. Dual switches are 2 SPDT snap-action switches not independently adjustable.
  3. Estimated dc rating, 2.5A, 28 Vdc (not UL listed).
  4. Estimated dc rating, 0.4A, 120 Vdc (not UL listed).
  5. Additional line lengths available, call factory.
  6. Additional bulb lengths available, call factory.
- Switches calibrated at 70°F ambient reference.

**HERMETICALLY SEALED SWITCH**

We recommend hermetically sealed switch elements for improved reliability. The hermetically sealed switch provides uncompromising contact protection in harsh or corrosive environments. The Ashcroft 400 Series is also approved for installation in Division II hazardous areas when supplied with hermetically sealed contacts.

- Features:
- UL-recognized component, guide WSQ2, File E85076
  - All-stainless steel welded construction



**TO ORDER THIS B-SERIES TEMPERATURE SWITCH:**

**Select:** \_\_\_\_\_ **T4**    **20**    **T05**    **030**    **XNH**    **150° to 260°F**

1. Enclosure: \_\_\_\_\_
2. Switch Element: \_\_\_\_\_
3. Thermal System: \_\_\_\_\_
4. Bulb Length: \_\_\_\_\_
5. Options (see pages 238-239): \_\_\_\_\_
6. Temperature Range (see page 235): \_\_\_\_\_

**Consult factory for guidance in product selection**  
**Phone (203) 385-0217, Fax (203) 385-0602 or**  
**visit our web site at [www.ashcroft.com](http://www.ashcroft.com)**