

This broad Ashcroft® switch series is ideal for use in virtually all process and industrial applications.

- **Explosion-proof NEMA 7/9, IP66 enclosures**
- **Choice of switch elements for all applications, including hermetically sealed**
- **Fixed or limited adjustable deadband**
- **Readily available**
- **UL listings standard**
- **CSA listings available⁽⁷⁾**
- **Cenelec models available⁽⁷⁾**

1 - ENCLOSURE

T7 - Temperature switch, type 700, explosion proof enclosure meets Div. 1 & 2, NEMA 7/9, IP66 requirements

2 - SWITCH ELEMENTS

| Order Code | Description/Maximum Electrical Ratings UL/CSA listed SPDT |
|--|---|
| 20 ⁽⁴⁾ | Narrow deadband 15A, 125/250 Vac |
| 21 | Ammonia service 5A, 125/250 Vac |
| 22 ⁽³⁾ | Hermetically sealed switch, narrow deadband 5A, 125/250 Vac |
| 23 | Heavy duty ac 20A, 125/250 Vac |
| 24 ⁽¹⁾ | 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 ⁽⁴⁾ | Sealed environment 15A, 125/250 Vac proof |
| 27 | High temp. 300°F 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 |
| UL/CSA listed dual SPDT ⁽²⁾ | |
| 61 ⁽⁴⁾ | Dual narrow deadband 15A, 125/250 Vac |
| 62 ⁽⁴⁾ | 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 |
| 67 ⁽³⁾ | Hermetically sealed switch, narrow deadband 5A, 125/250 Vac |
| 68 | Dual hermetically sealed switch, general purpose 11A, 125/250 Vac 5A, 30 Vdc |

3 - THERMAL SYSTEM SELECTION⁽⁵⁾

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

4 - BULB LENGTH SELECTION⁽⁶⁾

| DIRECT MOUNT | | |
|--------------|---------------|----------------------------------|
| Order Code | "S" Dimension | Minimum Thermowell "U" Dimension |
| 027 | 2¾" | — |
| 040 | 4" | 2½" |
| 060 | 6" | 4½" |
| 090 | 9" | 7½" |
| 120 | 12" | 10½" |
| REMOTE MOUNT | | |
| 030 | 3" | 2½" |

5 - OPTIONS

See page 163-164

6 - STANDARD TEMPERATURE RANGES

See page 160



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.
7. Refer to Option Table.

TO ORDER THIS B-SERIES TEMPERATURE SWITCH

Select: _____ **T7** **20** **T05** **030** **XNH** **150° to 260°F**

1. Enclosure: _____

2. Switch Element: _____

3. Thermal System: _____

4. Bulb Length: _____

5. Options (page 163-164): _____

6. Temperature Range (page 160): _____