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NASHCROFT

Pressure and Differential Pressure Switches, Watertight Enclosure, Type 400, B-Series

This general purpose Ashcroft[®] switch series is ideal for use in virtually all Industrial and OEM applications.

- Watertight NEMA 4X enclosure, IP66
- Choice of switch elements for all applications, including hermetically sealed
- Wide choice of wetted materials, including all-welded Monel or stainless steel
- Fixed or limited adjustable deadband
- Approved for UL, CSA and FM ratings

1 - ENCLOSURE

- **B4** Pressure switch, type 400, watertight enclosure meets NEMA 3, 4, 4X and 13, IP66 requirements
- D4 Differential pressure 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 (4)	Narrow deadband	15	A, 125/250 Vac			
21	Ammonia service	5A	, 125/250 Vac			
22 (3)	Hermetically sealed switch, narrow deadband	5A	A, 125/250 Vac			
23	Heavy duty ac	20	A,125/250 Vac			
24(1)	General purpose	1/2	A,125/250/480 Vac 2A, 125 Vdc 4A, 250 Vdc			
25	Heavy duty dc		A,125/ Vac or dc 3HP 125/ Vac or dc			
26(4)	Sealed environment proof	15	A, 125/250 Vac			
27	High temp. 300°F	15	A, 125/250 Vac			
28	Manual reset trip on increasing	15	5A, 125/250 Vac			
29	Manual reset trip on decreasing	15	15A, 125/250 Vac			
31	Low level (gold) contacts	1A	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	SF	PDT ⁽²⁾			
61 ⁽⁴⁾	Dual narrow deadband		15A, 125/250 Vac			
62(4)	Dual narrow environ- ment 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			

- Choice of actuators, including designs for fire-safe and NACE applications⁽⁸⁾
- Readily available
- Standard pressure connection materials:
 - Pressure psi ranges - 316L SS
 - Differential psid ranges - Nickel-plated brass
 - Pressure and differential inches of water ranges - Carbon steel



Code & Material	Process Temp. ⁽⁶⁾ Limits °F	Range				
		Vac "H ₂ O	0-600 psi	1000 psi	2000- 3000 psi	
B-Buna N	0 to 150	٠	٠	٠	•	
V-Viton	20 to 300	٠	٠	٠		
T-Teflon	0 to 150	٠	٠	•	•	
S-SS ⁽⁶⁾	0 to 300		٠	٠		
P-Monel ⁽⁶⁾	0 to 300		٠	٠		
4 - OPTIONS						
See page	163-164					
5 - STAND	ARD PRESSU	RE RAI	NGES			

NOTES:

- 1. Standard switch.
- 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, .4A, 120 Vdc (not UL listed).
- 5. Available on pressure only.
- Ambient operating temperature limits –20 to 150°F, all styles. Setpoint shift of ±1% of range per 50°F is normal.

XPK 600 psi

DRESSER

INSTRUMENT

a Halliburton company

- 7. Items are wetted by process fluid.
- 8. Refer to Option Table.

SA listed dual SPDT ⁽²⁾		TO ORDER THIS B-SERIES PRESSURE SWITCH:			
narrow deadband	15A, 125/250 Vac	Select:	B4	20	В
narrow environ- proof	15A, 125/250 Vac	1. Enclosure:			
high temp. 300°F	15A, 125/250 Vac	2. Switch Element:			
general purpose	15A, 125/250/480 Vac 1/2A, 125 Vdc 1/4A, 250 Vdc	3. Actuator Seal: 4. Options (page 163-164):			
ammonia service	5A, 125/250/480	5. Pressure Range (page 160):			

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