

Small Pressure Controls

Type **ACB**



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FEATURES

- The CB Series is a compact, disc-type pressure switch with field-proven quality.
- Designed for modern applications, it offers compact size and versatile connection types, ideal for air conditioning, automotive, and other industries.
- Available in high, medium, and low pressure ranges
- UL Recognized
- CE marked
- High-durability models available

*Guaranteed durability (times): 500,000 [High durability types] / 200,000 [Standard types]

Refrigerants: R134a, R404A, R407C, R410A, R32, R1234yf, R454B, R454C
(Please contact us for other refrigerants.)

Standards: UL/cUL, CE (PED Category IV), CQC, IECCE, DIN, VDE

SPECIFICATIONS

- Fluid temperature: -65 to 275°F [-54 to 135°C]
- Ambient temperature: -22 to 212°F [-30 to 100°C]

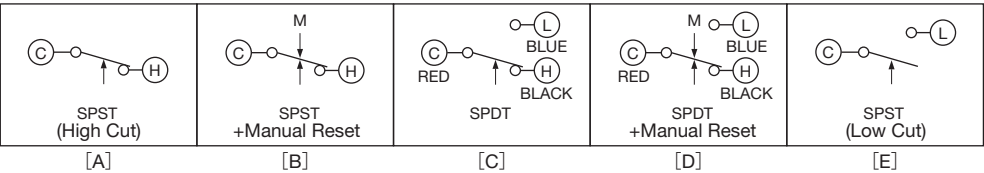
STANDARD SETTING

Catalog No.	Contact Functions	Range (psi [MPa])		Max. Pressure (psi [MPa])	Pressure Connections	Terminal Construction	Application	Weight (lb [kg])
		Off	On					
ACB	SPST (High Cut) [A]	609 [4.2]	479 [3.3]	652 [4.5]	1/4" Solder or Female Flare	Open (①・③) or Water Proof (②・④)	High Pressure Cut Out	Open 0.07 [0.03] Water Proof 0.13 [0.06]
		450 [3.1]	348 [2.4]					
		406 [2.8]	319 [2.2]					
		377 [2.6]	305 [2.1]					
		334 [2.3]	261 [1.8]					
	SPST +Manual Reset [B]	406 [2.8]	305 [2.1]			Water Proof (⑤)		0.13 [0.06]
		377 [2.6]	290 [2.0]					
		334 [2.3]	261 [1.8]					
	SPDT [C]	406 [2.8]	319 [2.2]			Open (⑥) or Water Proof (⑦)		Open 0.07 [0.03] Water Proof 0.18 [0.08]
		377 [2.6]	305 [2.1]					
		334 [2.3]	261 [1.8]					
	SPDT +Manual Reset [D]	406 [2.8]	305 [2.1]			Water Proof (⑧)		0.18 [0.08]
		377 [2.6]	290 [2.0]					
		334 [2.3]	261 [1.8]					
	SPST (Low Cut) [E]	31.9 [0.22]	52.2 [0.36]	217 [1.5]		Open (①・③) or Water Proof (②・④)	Low Pressure Cut Out	Open 0.07 [0.03] Water Proof 0.13 [0.06]
		24.7 [0.17]	39.2 [0.27]					
		1.02 [0.07]	24.7 [0.17]					
		7.25 [0.05]	21.8 [0.15]					

ELECTRICAL RATINGS

Category of Ratings		M Rating			L Rating			T Rating
Rated Voltage (V)	Power Factor (cosφ)	125V. AC	250V. AC	12V. DC	125V. AC	250V. AC	12V. DC	12/24V. DC
Rated Amps. (A)								
Non-Inductive Current		1		1 to 4	0.02 to 2	0.02 to 1	0.05 to 0.1	0.01 to 0.05
Inductive Current	Full Load	0.75		—			—	—
	Inrush Current	—		—	0.02 to 8	0.02 to 4		

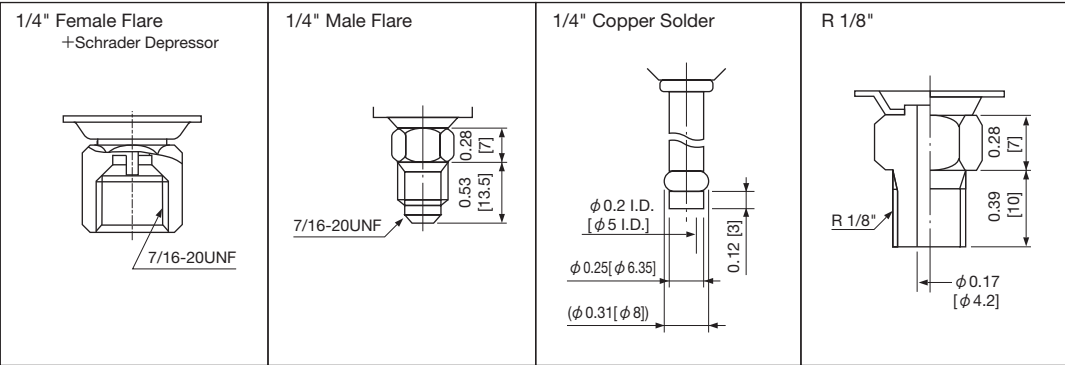
CONTACT FUNCTIONS



↑ : Operating direction on press. increase at high press. side
M ↓ : Operating direction on manual reset

PRESSURE CONNECTIONS

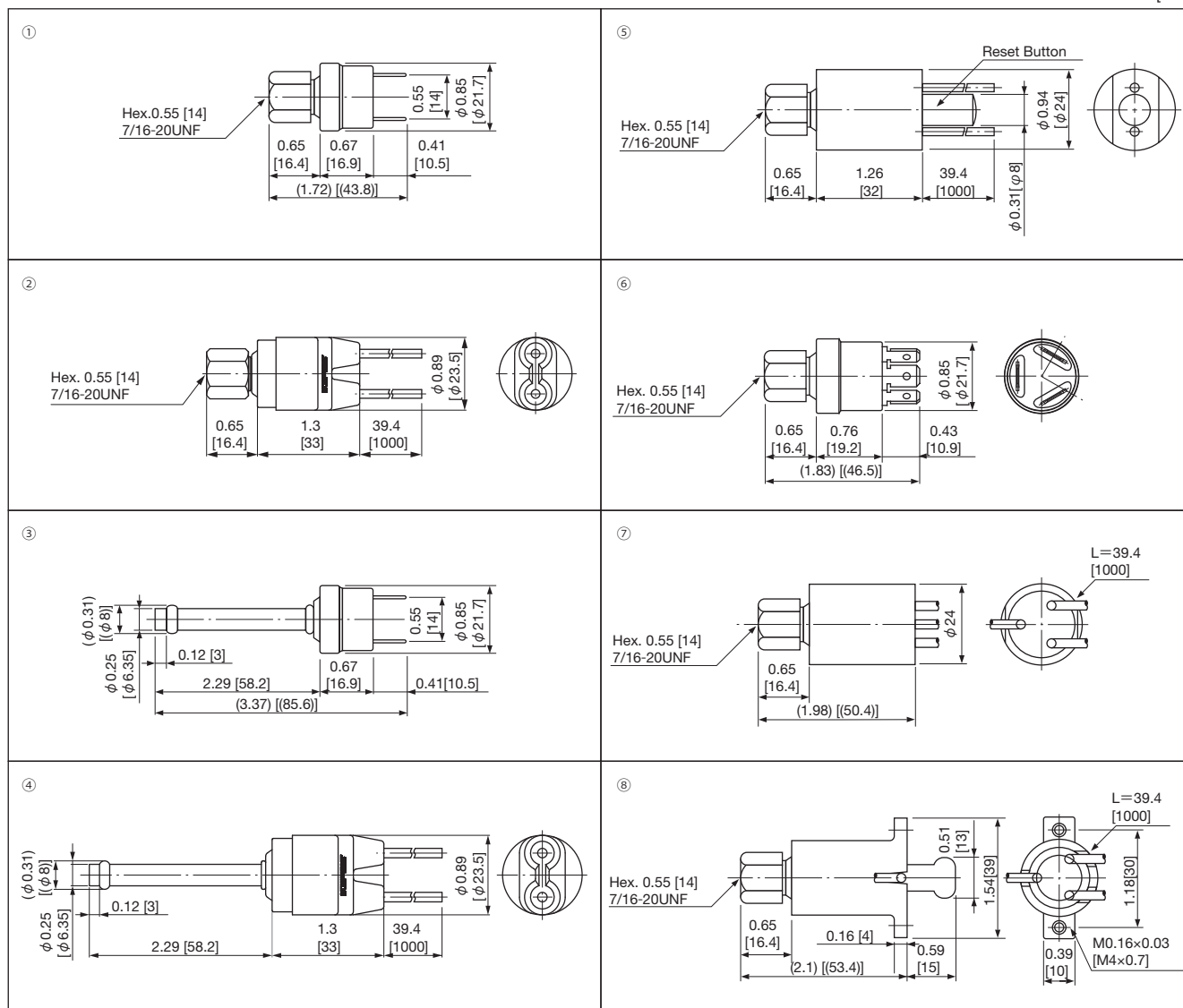
Unit: inch [mm]



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DIMENSIONS

Unit: inch [mm]



NOTES FOR SAFETY

Failure to read and follow all instruction carefully before installing or operating the product could cause personal injury and/or property damage.

Specifications are subject to change without notice.