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- Europe Sales office
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ACB Pressure Cartridge Controls



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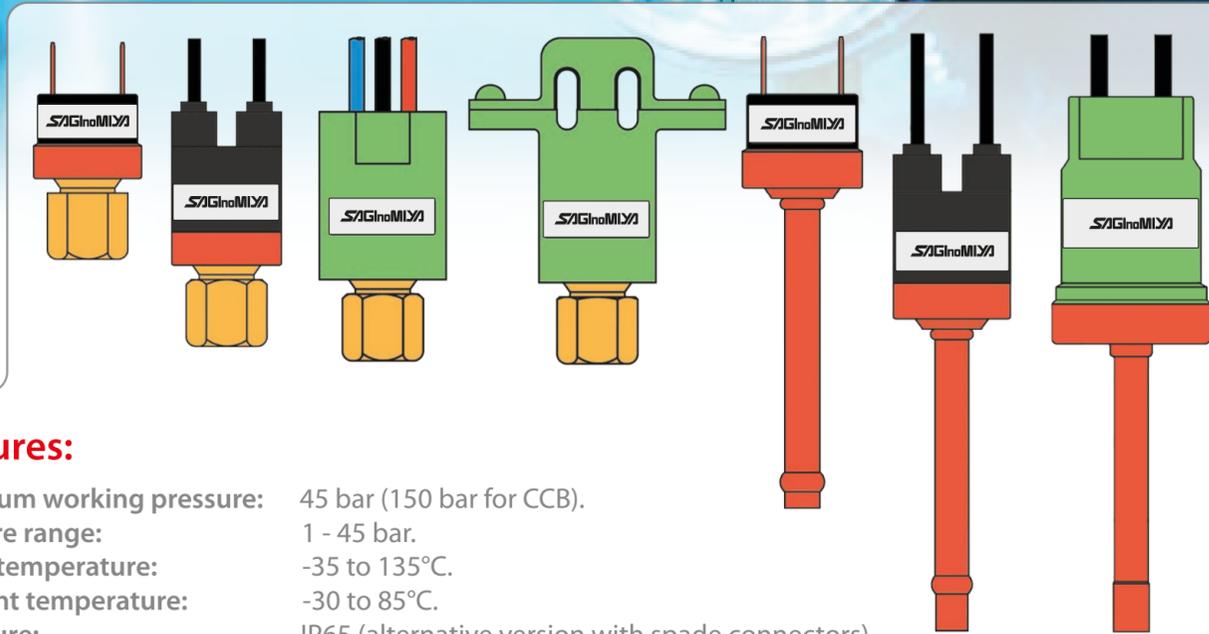
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Advantages of Saginomiya ACB Pressure Control:

- Possibility of manufacturing customized models for OEM customers.
- Leader on the market with over 35 years of experience.
- Fit into versatile applications.
- Various installation and connection options.
- All common refrigerants + CO₂ (type CCB).



Features:

Maximum working pressure: 45 bar (150 bar for CCB).
Pressure range: 1 - 45 bar.
Media temperature: -35 to 135°C.
Ambient temperature: -30 to 85°C.
Enclosure: IP65 (alternative version with spade connectors).

General Description

The ACB series cartridge controls are small, disc type pressure controls designed and manufactured to ensure quality and reliable performance in applications including room air conditioners, packaged air conditioners, display cases, and ice machines. They are compact and light-weight for easy mounting directly on the refrigeration system where pressure regulation is required. Used by major OEMs worldwide, the ACB series have more than 100 million pieces installed.

STANDARD PRESSURE CARTRIDGE CONTROLS

Application	Cut out bar	Cut in bar	Reset	Contact system	Connection		
					Solder		7/16-20 UNF for flare with depression pin
					6 mm	1/4"	
High pressure cut-out	18 ± 0,7	13 ± 1,2	automatic	SPST-NC	○	○	○
				SPDT	-	-	○
	23 ± 0,7	19 ± 1,2	automatic	SPST-NC	-	-	○
				SPDT	-	-	○
			manual	SPDT	-	-	○
	26 ± 1	20 ± 1,5	automatic	SPST-NC	○	○	○
				SPDT	-	-	○
	26 ± 1	20 ± 2	manual	SPST-NC	○	○	○
				SPDT	-	-	○
	28 ± 1	21 ± 1,5	automatic	SPST-NC	○	○	○
				SPDT	-	-	○
28 ± 1	21 ± 2	manual	SPST-NC	-	-	○	
			SPDT	-	-	○	
31 ± 1	24 ± 1,5	automatic	SPST-NC	○	-	○	
			SPDT	-	-	○	
42 ± 1,2	33 ± 2	automatic	SPST-NC	○	○	○	
			SPDT	-	-	○	
Low pressure cut-out	0,5 ± 0,4	1,5 ± 0,3	automatic	SPST-NO	○	○	○
	0,7 ± 0,5	1,7 ± 0,4	automatic	SPST-NO	○	○	○
	1,7 ± 0,5	2,7 ± 0,4	automatic	SPDT	-	-	○
Fan Control	8,5 ± 1,2	11 ± 0,8	automatic	SPST-NO	○	-	○
	13 ± 1,5	16 ± 1		SPST-NO	○	-	○

SPST-NC = Single pole, single throw, normally opened. 6A@250VAC.
 SPST-NO = Single pole, single throw, normally closed. 6A@250VAC.
 SPDT = Single pole, double throw. 4A@250VAC.