

P128 and P145 Series Lube Oil Pressure Controls Catalog Page

Description

The P128 and P145 Series Controls provide dependable low pressure lube oil cut-out for pressure lubricated refrigeration compressors. The P128 Series offer adjustable range settings.

The P128 and P145 controls feature a 1/4 in. external flare pressure connection which may be used with a refrigerant hose or cap tube such as SEC99 UltraCap.

Refer to the *P28 and P128 Series Lube Oil Control with Built-in Time Delay Relay Product Bulletin (LIT-125420)* for important product application information.

Features

- ambient compensated time delay relay
- trip-free manual reset
- industry standard
- P128 is fully adjustable throughout its range
- P145 is factory set to compressor manufacturer's specifications

Applications

Use these controls for lube oil cutout on hermetic and semi-hermetic compressors used in commercial air-conditioning and commercial and industrial refrigeration systems.



P128AA Lube Oil Pressure Control



P145NCA Lube Oil Pressure Control

Technical Specifications

Pressure controls P128 and P145 are designed to be used with SEC99 UltraCap. Product specifications for P128 are the same as P28 model. Refer to *P28 Series Lube Oil Pressure Cutout Control (With Time Delay) (LIT-1927185) Catalog Page (LIT-1927185)*. Product specifications for P145 are the same as P45 model. Refer to *P45 Series Lube Oil Pressure Cutout Control (With Time Delay) Catalog Page (LIT-1927200)(LIT-1927185)*. Also note the selection chart below.

Accessories

Some controls are supplied less mounting brackets. If brackets are required, order kit number **BKT38A-600**, which contains five **271-51** angle mounting brackets with screws; or **BKT38A-601** which contains one mounting bracket with screws.

Repair Information

If the P128 and the P145 Series Lube Oil Pressure Control fails to operate within its specifications, replace the unit. For a replacement control, contact the nearest Johnson Controls® representative.

Selection Chart

Product Code Number	Time Delay	Heater Circuit VAC	Type of Reset	Range psig (kPa)		Refrigerant	Pressure Connection		
				Adjustable	Non-Adjustable				
P128AA-1C ¹	90 seconds	120/240	Manual	8 to 70 (55 to 483)	---	Non-corrosive	1/4 in. external flared connection		
P128AA-2C ²	60 seconds								
P128AA-17C ³	120 seconds								
P145NCA-12C ⁴	45 seconds			---	Factory Set 9 (62)			Non-corrosive	
P145NCA-82C ⁵									Factory Set 6.5 (45)
P145NCB-12C ⁶									Factory Set 9 (62)
P145NCB-82C ⁷									Factory Set 6.5 (45)

1. Replacement for P28AA-1*. Replaces Ranco® P30-3701.
2. Replacement for P28AA-2*. Replaces Ranco P30-3601.
3. Replacement for P28AA-17*. Replaces Ranco P30-3801.
4. Replacement for P45NCA-12*. (Copeland Model) Replaces Ranco P30-5826.
5. Replacement for P45NCA-82*. (Carlyle Model).
6. Copeland model with alarm circuit
7. Carlyle model with alarm circuit

* SEC99 UltraCap Hose must be ordered separately.