

# P128 and P145 Series Lube Oil Pressure Controls

## 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. male flare pressure connection which may be used with a refrigerant hose or cap tube such as SEC99 UltraCap.

## 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



P145NCA

## 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) Catalog Page, LIT-1927185*, and 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*. Also note the selection chart below.

## Accessories

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

## Selection Chart

Code Number	Time Delay	Heater Circuit VAC	Type of Reset	Range psi (kPa)		Refrigerant	Pressure Connection
				Adjustable	Non-Adjustable		
P128AA-1C <sup>1</sup>	90 sec	120/240	Manual	8 to 70 (55 to 483)	---	Non-Corrosive	1/4 in. Male Flared Conn.
P128AA-2C <sup>2</sup>	60 sec						
P128AA-17C <sup>3</sup>	120 sec						
P145NCA-12C <sup>4</sup>				---	Factory Set 9 (62)	Non-Corrosive	
P145NCA-82C <sup>5</sup>	45 sec			Factory Set 6.5 (45)			
P145NCB-12C <sup>6</sup>	120 sec			Factory Set 9 (62)			
P145NCB-82C <sup>7</sup>	45 sec			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.