



# P128 and P145 Series Lube Oil Pressure Controls Catalog Page

LIT-1927280

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## 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.

## Technical Specifications

Pressure controls P128 and P145 are designed to be used with SEC99 UltraCap. Product specifications for

## Selection Chart

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

### Product warranty

This product is covered by a limited warranty, details of which can be found at [www.johnsoncontrols.com/buildingswarranty](http://www.johnsoncontrols.com/buildingswarranty).

### Single point of contact

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