

## Direct Replacement Relays For ICP and Nordyne

### Features

- Electric heater relay
- Used with AMF(K,H)xxCxx heaters in ICP and Nordyne air handlers



| Item ID           | Description | Amps @ 277VAC | Amps @ 28VDC | Coil | Replaces                  |
|-------------------|-------------|---------------|--------------|------|---------------------------|
| Packard<br>PR1922 | SPST-NO     | 40            | 30           | DC   | ICP 111001922 ICP 1084529 |



| Item ID           | Description | Amps @ 277VAC | Amps @ 28VDC | Coil | Replaces       |
|-------------------|-------------|---------------|--------------|------|----------------|
| Packard<br>PR1931 | 31.2        | 30            | 20           | AC   | Nordyne 621931 |

## Time Delay Relays

### Application

- Prevents short cycling of air conditioning, refrigeration and heat pump compressors

### Features

- Universal voltage
- Mounts in any position
- Adjustable up to 10 minutes
- Easy two-wire installation
- Delay on make / delay on break



Delay on Make

| Item ID           | Conn.                   | Time Delay     | Input Line Frequency | Input Line Voltage | Output Ratings Inrush | Output Ratings Max. | Output Ratings Min. | Replaces                                                                                                                                                                  |
|-------------------|-------------------------|----------------|----------------------|--------------------|-----------------------|---------------------|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Packard<br>PTD102 | 2 - 1/4" male terminals | .03 - 10 mins. | 50/60                | 18-240VAC/VDC      | 15 amps               | 1.5 amps            | 40 mA               | Carrier P284-2391<br>Gemline IC213<br>Gemline IC310<br>ICM 102B<br>ICM 102FB<br>ICP 1160706<br>Lennox 24C4101<br>Rheem 42-22326-01<br>Lennox 47A7301<br>3310-068<br>ADM-2 |



Delay on Break

| Item ID           | Conn.                   | Time Delay     | Input Line Frequency | Input Line Voltage | Output Ratings Inrush | Output Ratings Max. | Output Ratings Min. | Replaces                                                                                                                                   |
|-------------------|-------------------------|----------------|----------------------|--------------------|-----------------------|---------------------|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Packard<br>PTD203 | 2 - 1/4" male terminals | .03 - 10 mins. | 50/60                | 18-240VAC/VDC      | 15 amps               | 1.5 amps            | 40 mA               | A-1 Components<br>F7035<br>Carrier P284-2392<br>ICM 203B<br>ICP 1160708<br>ICP 1160711<br>3310-072<br>Trane TMR107<br>Trane TMR52<br>ADB-1 |

## SPST and SPDT Fan Relays

### Features

- 1/4" Quick connect terminals
- Used for switching solenoids, fan motors, and other applications.



| Item ID | Description  | Amps Res. | FLA/LRA at |           | Coil Voltage | Replaces |
|---------|--------------|-----------|------------|-----------|--------------|----------|
|         |              |           | 125 Volts  | 250 Volts |              |          |
| Packard |              |           |            |           |              |          |
| PR290Q  | SPST-NO      | 16        | —          | 8/25      | 24 VAC       | 90-290Q  |
| PR291Q  | SPST-NO      | 16        | —          | 8/25      | 120 VAC      | 90-291Q  |
| PR292Q  | SPST-NO      | 16        | —          | 8/25      | 240 VAC      | 90-292Q  |
| PR293Q  | SPDT         | 16        | —          | 8/25      | 24 VAC       | 90-293Q  |
| PR294Q  | SPDT         | 16        | —          | 8/25      | 120 VAC      | 90-294Q  |
| PR295Q  | SPDT         | 16        | —          | 8/25      | 240 VAC      | 90-295Q  |
| PR360   | SPST-NO      | 18        | 12/60      | 8/48      | 24 VAC       | 90-360   |
| PR362   | SPST-NO      | 18        | 12/60      | 8/48      | 120 VAC      | 90-362   |
| PR370   | SPDT         | 18        | 12/60      | 8/48      | 24 VAC       | 90-370   |
| PR372   | SPDT         | 18        | 12/60      | 8/48      | 120 VAC      | 90-372   |
| PR374   | SPDT         | 18        | 12/60      | 8/48      | 240 VAC      | 90-374   |
| PR380   | SPST NO + NC | 18        | 12/60      | 8/48      | 24 VAC       | 90-380   |
| PR382   | SPST NO + NC | 18        | 12/60      | 8/48      | 120 VAC      | 90-382   |
| PR384   | SPST NO + NC | 18        | 12/60      | 8/48      | 240 VAC      | 90-384   |

## Switching Relays

### Features

- Used on heat pumps, vending machines, fans, and heating and air conditioning



| Item ID | Coil Voltage | Description | Terminal 1-2-3 | Terminal 4-5-6 | Replaces |
|---------|--------------|-------------|----------------|----------------|----------|
| Packard |              |             |                |                |          |
| PR340   | 24           | DPDT        | Power          | Power          | 90-340   |
| PR341   | 110/120      | DPDT        | Power          | Power          | 90-341   |
| PR342   | 208/240      | DPDT        | Power          | Power          | 90-342   |
| PR343   | 24           | SPDT        | Power          | -              | 90-343   |
| PR344   | 110/120      | SPDT        | Power          | -              | 90-344   |
| PR345   | 208/240      | SPDT        | Power          | -              | 90-345   |

## Relay Overloads

### Features

- Replaces relay and overload combinations on 1/8 thru 1/3 HP compressors.



| Item ID | Volts | H.P.        | Hertz |
|---------|-------|-------------|-------|
| Packard |       |             |       |
| R015    | 115   | 1/8-1/5     | 50/60 |
| R013    | 115   | 1/4 and 1/3 | 50/60 |