
# Electrical Service Parts Guidebook

Wholesale Distribution
North America

Tecumseh

# ELECTRICAL SERVICE PARTS GUIDE BOOK

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# Contents

## Introduction

Tecumseh Products Company has prepared this guidebook to assist service personnel in safely working with refrigeration and air conditioning equipment that uses Tecumseh Products Company hermetic compressors. It is not designed to replace the training required for professional service personnel. It is also not intended to replace other information available from refrigeration and air conditioning equipment manufacturers.

## Trained Personnel Only

Servicing, repairing, and troubleshooting refrigeration and air conditioning systems should be done only be those with the necessary knowledge, training, and equipment.

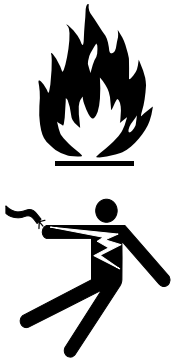
**WARNING**

Never service, repair, or troubleshoot unless you are qualified to perform these functions. Improper servicing can lead to serious injury or death from fire, electrical shock, or explosion.

# Terminal Venting and Electrocution

Improperly servicing, repairing, or troubleshooting a compressor can lead to electrocution or fire due to terminal venting with ignition. Follow the precautions below to avoid serious injury or death from electrocution or terminal venting with ignition.

## Fire Hazard from Terminal Venting with Ignition

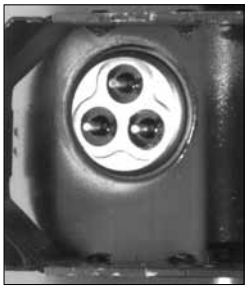


Oil and refrigerant can spray out of the compressor if one of the terminal pins is ejected from the hermetic terminal. This "terminal venting" can occur as a result of a ground fault (also known as a short circuit to ground) in the compressor. The oil and refrigerant spray from terminal venting can be ignited by electricity and produce flames that can lead to serious burns or death. See figures 1 through 3 for detail.

Figure 1

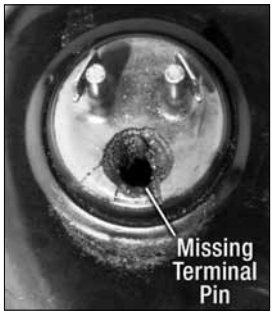

*Compressor with (1) protective terminal cover and (2) bale strap removed to show (3) hermetic terminal.*

Figure 2



*Close-up view of hermetic terminal showing individual terminal pins with power leads removed.*

Figure 3




*Close-up view of hermetic terminal after it has vented.*

## Terminal Venting and Electrocution Precautions

To reduce the risk of electrocution or serious burns or death from terminal venting with ignition:

*Be alert for sounds or arcing (sizzling, sputtering or popping) inside the compressor, IMMEDIATELY GET AWAY if you hear these sounds.*

*Disconnect ALL electrical power before removing the protective terminal cover.*

Make sure that all power legs are open. (NOTE: the system may have more than one power supply.)

*Never energize the system unless: 1) the protective terminal cover is securely fastened, and 2) the compressor is properly connected to ground.*

Figures 4 through 6 illustrate the different means of fastening protective terminal covers.

Figure 4


*Compressor with (1) protective terminal cover held in place by (2) metal bale strap.*

Figure 5


*Compressor with (1) protective terminal cover held in place by (2) nut.*

Figure 6


*Compressor with (1) snap-in protective terminal cover.*

*Never reset a breaker or replace a fuse without first checking for a ground fault (a short circuit to ground).*

An open fuse or tripped circuit breaker is a strong indication of a ground fault (also know as a short circuit to ground). Use only a megohmmeter ("megger") or a Hi-Potential Ground tester (Hi-Pot) to check for a ground fault. A conventional ohmmeter will not reliably detect a ground fault under certain circumstances. See the Service Handbook for more information on checking for a ground fault. Also, always follow the megger or Hi-Pot manufacturer's procedures and safety rules.

If a ground fault does exist, keep the power off. **WARNING!** *To avoid electric shock, electrocution, and terminal venting with ignition, do not energize a compressor that has a ground fault.* Mark and red tag the compressor to indicate that there is a ground fault. Do not reconnect the power leads. Tape and insulate each power lead separately.

*Disconnect power before servicing.*

Always disconnect power before servicing, unless it is required for a specific troubleshooting technique. In these situations, use extreme caution to avoid electrical shock.

## Refrigerants and Other Chemicals

Contact with refrigerant, mixtures of refrigerant and oil, or other chemicals can cause a variety of injuries including burns and frostbite. For example, if refrigerant contacts skin or eyes it can cause severe frostbite. Also, in the event of a compressor motor failure, some refrigerant and oil mixtures can be acidic and cause chemical burns.

To avoid injury, wear appropriate protective eyewear, gloves, and clothing when servicing an air conditioning or refrigeration system. Refer to your refrigerant supplier for more information.

If refrigerant or mixtures of refrigerant and oil come in contact with skin or eyes, flush the exposed area with water and get medical attention immediately.

# Compressor Removal

Failure to properly remove the compressor can result in serious injury or death from electrocution, fire, or sudden release of refrigerant and oil.

Follow these precautions when removing a compressor from a system:

### Disconnect ALL electrical power.

Disconnect all electrical power supplies to the system, making sure that all power legs are open. (NOTE: The system may have more than one power supply.)

### Be sure refrigerant is recovered before removing compressor.

Attempting to remove the compressor before removing all refrigerant from the system can cause a sudden release of refrigerant and oil. Among other things, this can:

- Cause a variety of injuries including burns or frostbite.
- Cause a fire if a torch is used to disconnect tubing.
- Expose the service person to toxic gas.

To avoid serious injury or death, be sure to remove and recover all refrigerant before removing the compressor.

### Use a tubing cutter, not a torch.

Use a tubing cutter to remove the compressor. A torch can cause even trace amounts of refrigerant to decompose and release toxic fumes. In addition, using a torch to remove the compressor can cause a fire. If you ignore this recommendation and use a torch, be prepared to extinguish a fire.

## System Flushing, Purging, and Pressure Testing for Leaks

Failure to properly flush, purge, or pressure test a system for leaks can result in serious injury or death from explosion, fire, or contact with acid-saturated refrigerant or oil mists.

Follow these precautions when flushing/purging a system or pressure testing a system for leaks:

Use flushing products according to the manufacturer's instructions.

To purge a system, use only dry nitrogen.

When pressure testing for leaks, use only regulated dry nitrogen or dry nitrogen plus trace amounts of the serial label refrigerant.

When purging or pressure testing any refrigeration or air conditioning system for leaks, never use air, oxygen or acetylene.

- Oxygen can explode on contact with oil.
- Acetylene can decompose and explode when exposed to pressures greater than approximately 15 psig.
- Combining an oxidizing gas, such as oxygen air, with an HCFC or HFC refrigerant under pressure can result in a fire or explosion.

Use a pressure regulating valve and pressure gauges.

Commercial cylinders of nitrogen contain pressures in excess of 2000 psig at 70°F. At pressures much lower than 2000 psig, compressors can explode and cause serious injury or death. To avoid overpressurizing the system, always use a pressure regulating valve on the nitrogen cylinder discharge (see Figure 7). The pressure regulator must be able to reduce the pressure down to 1 or 2 psig and maintain this pressure.

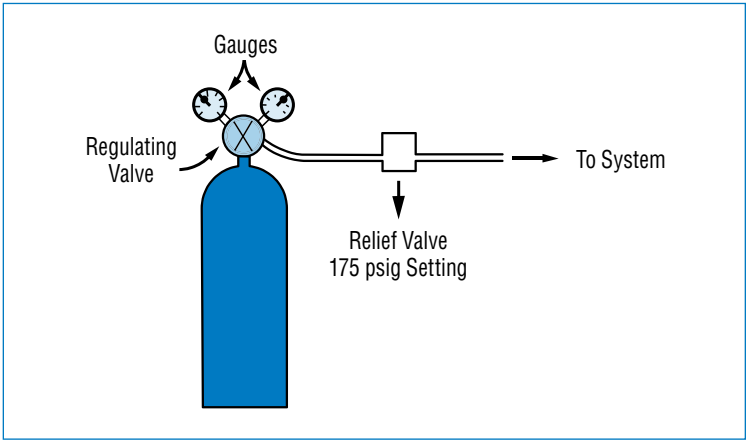
The regulating valve must be equipped with two pressure gauges:

- one gauge to measure cylinder pressure, and
- one gauge to measure discharge or downstream pressure.

### Use a pressure relief valve.

In addition to pressure regulating valve and pressure gauges, always install a pressure relief valve. This can also be a frangible disc type pressure relief device. This device should have a discharge port of at least ½" MPT size. The valve or frangible disc device must be set to release at 175 psig (see Figure 7).

Figure 7




*Dry nitrogen cylinder with attached pressure regulating and relief valves and pressure gauges needed for pressure testing for leaks and purging.*

### Do not pressurize the system beyond 150 psig field leak test pressure.

When field testing a system for leaks, 150 psig is adequate test pressure.

### Disconnect nitrogen cylinder and evacuate the system before connecting the refrigerant container.

Disconnect the nitrogen cylinder and release the pressure in the system before connecting a refrigerant container to the system. The higher pressure gas in the system can explode the refrigerant container.

## System Charging

Failure to properly charge the system can result in serious injury or death from explosion or fire.

Follow these precautions when charging a system:

### Do not operate the compressor without charge in the system.

Operating the compressor without a charge in the system can damage the hermetic terminal. As always, to avoid serious injury or death from terminal venting with ignition, never energize the compressor unless the protective terminal cover is securely fastened.

### Use proper refrigerant.

Use only the compressor serial label refrigerant when charging the system. Using a different refrigerant can lead to excess system pressure and an explosion. Use of a refrigerant other than the serial label refrigerant voids the compressor warranty.

### Do not overcharge a refrigeration or air conditioning system.

Overcharging a refrigeration or air conditioning system can result in an explosion. To avoid serious injury or death, never overcharge the system. Always use proper charging techniques. Limit charge amounts to those specified on the system equipment serial label or in the original equipment manufacturer's service information.

Overcharging the system immerses the compressor motor, piston, connecting rods, and cylinders in liquid refrigerant. This creates a hydraulic block preventing the compressor from starting. The hydraulic block is also known as locked rotor.

Continued supply of electricity to the system causes heat to build in the compressor. This heat will eventually vaporize the refrigerant and rapidly increase system pressure. If, for any reason, the thermal protector fails to open the electrical circuit, system pressure can rise to high enough levels to cause a compressor housing explosion.

# Prevention of Water-Utilizing System Explosions

In certain water-utilizing refrigeration systems, water can leak into the refrigerant side of the system. This can lead to an explosion of system components, including but not limited to the compressor. If such an explosion occurs, the resulting blast can kill or seriously injure anyone in the vicinity.

## Systems at Risk of Explosion

Water-utilizing systems that have single-wall heat exchangers may present a risk of explosion. Such systems may include:

- water source heat pump/air conditioning systems, and
- water cooling systems, such as icemakers, water coolers, and juice dispensers.

Water-utilizing systems that have single-wall heat exchangers present a risk of explosion unless they have either:

- a high pressure cut-out which interrupts power to ALL leads to compressor, or
- an external pressure relief valve.

## How an Explosion Occurs

If the refrigerant tubing in the heat exchanger develops a leak, water can enter the refrigerant side of the system. Water entering the refrigerant side can come in contact with live electrical connections in the compressor causing a short circuit or a path to ground. When this occurs, extremely high temperatures can result. The heat build-up creates steam vapor that can cause excessive pressure throughout the entire system. This system pressure can lead to an explosion of the compressor or other system components.

## Service Procedures

In light of the risk of explosion, be especially alert for signs of water leaking into the refrigerant side of the system. Whenever servicing or troubleshooting a water-utilizing system, always check to see if it has either a pressure relief valve or a high pressure cut-out as previously described. If the system does not have at least one of these, DISCONNECT ALL ELECTRICAL POWER and look for indications that water has leaked into the refrigerant side of the system. These indications may include:

- Observation of a report of a blown fuse or tripped circuit breaker.
- Signs that water has leaked to the outside of the system.
- Reports that the system has made gurgling or percolating noises.
- A history of loss of refrigerant charge without a leak being found in the system. NOTE: Common leak detection methods will not detect a water-to-refrigerant leak in the system's heat exchanger(s).
- Observation of or a report of the compressor giving off an unusual amount of heat.

If ANY of these indications are present, do the following checks to determine if water has leaked into the refrigerant side:

### Step 1: Check for a Ground Fault (a short to ground)

Use only a megohmmeter ("megger") or a Hi-Potential Ground tester ("Hi-Pot") to check for a ground fault. A conventional ohmmeter will not reliably detect a ground fault under certain circumstances. See the Service Handbook for more information on checking for a ground fault. Also, always follow the megger or Hi-Pot manufacturer's procedures and safety rules.

- If a ground fault does not exist, go to Step 2.
- If a ground fault does exist, keep the power off.

  **WARNING!** To avoid electric shock, electrocution, and terminal venting with ignition, do not energize a compressor that has a ground fault. Mark and red tag the compressor to indicate that there is a ground fault. Do not reconnect the power leads. Tape and insulate each power lead separately. Proceed to Step 2. Do not replace the compressor or energize the system before performing Step 2.

## Step 2: Check for Water in the System

Once the compressor is cool to the touch, open the system process valve slightly to see if any water comes out of the system. **WARNING!** *Opening the system process valve while the compressor is hot can cause severe burns from steam coming out of the valve.*

If ANY water comes out of the process valve, the entire system ***must*** be replaced. See "Replacing a Single-Wall Water-Utilizing System" below.

If water does not come out of the process valve, there is still a possibility that some water has leaked into the refrigerant side of the system. To address this possibility, determine if the system has a history of losing refrigerant charge without a leak being found or repaired.

If you find ANY indication of a history of losing refrigerant charge without detection of a leak, this is a sign that refrigerant has leaked in the water inside the heat exchanger. The entire system ***must*** be replaced. See "Replacing a Single-Wall Water-Utilizing System" below.

If you do not find any indication of a history of loss of charge without detection of a leak, you still need to install:

- a high pressure cut-out which interrupts power to ALL leads to the compressor, or
- an external pressure relief valve.

Also, if you found a ground fault in the compressor in Step 1, replace the compressor before applying power to the system.

## Replacing a Single-Wall Water-Utilizing System

When replacing a single-wall water-utilizing system, replace the system with one that has:

- a double-wall heat exchanger(s), or
- a high-pressure cut-out which interrupts power to ALL leads to the compressor, or
- an external pressure relief valve.

## Start Capacitor Overheating

An overheated start capacitor can burst and spray or splatter hot material which can cause burns. Applying voltage to a start capacitor for more than a few seconds can cause the capacitor to overheat.

Check capacitors with a capacitance meter, and never check a capacitor with the power on.

## System Evacuation

Never use a compressor to evacuate a system. Instead, use a high vacuum pump specifically designed for that purpose.

Never start the compressor while it is under deep vacuum. Always break a vacuum with refrigerant charge before energizing the compressor.

Failure to follow these instructions can damage the hermetic terminal. As always, to avoid serious injury or death from terminal venting with ignition, never energize the compressor unless the protective terminal cover is securely fastened.

## Follow the Labels

Tecumseh Products Company compressors have labels and markings with important information. For your safety and the safety of others, read the labels and markings on the product.

## Additional Information

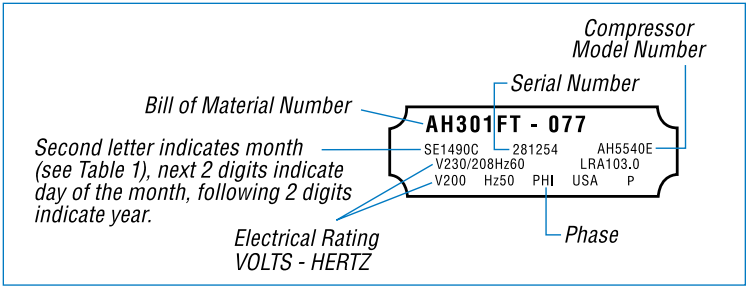
For additional information, request a Tecumseh Service Handbook (call 1-800-211-3427), contact a Tecumseh Authorized Wholesale Distributor, or visit *www.tecumseh.com*.

# Serial Label Information

The only source for complete compressor information is on the compressor serial label. On earlier compressors, the serial plate is usually spot welded on the upper housing of the compressor. For current compressors, the serial label is affixed in the same location. Both describe the characteristics of the compressor.

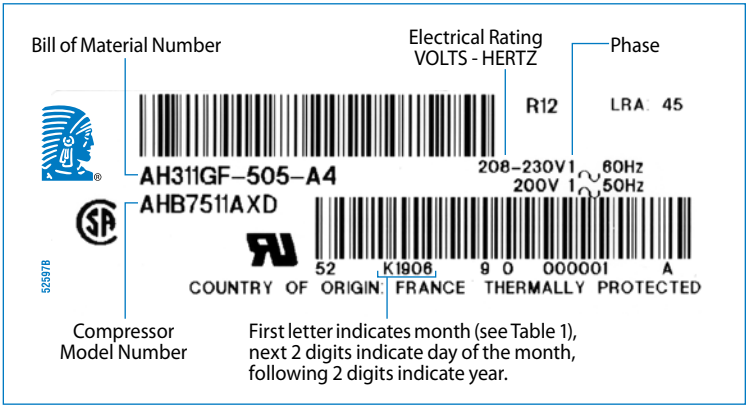
The months are identified in Table 1.

Figure 8




Example compressor serial plate

Figure 9

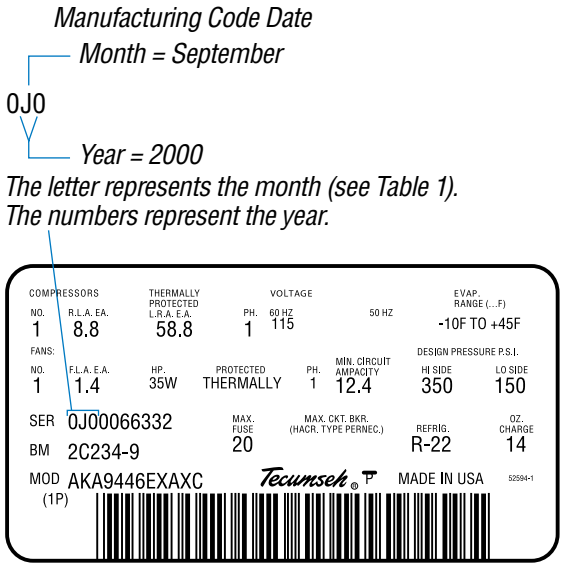



Example compressor serial label

## Table 1: Serial Label Month Identifiers

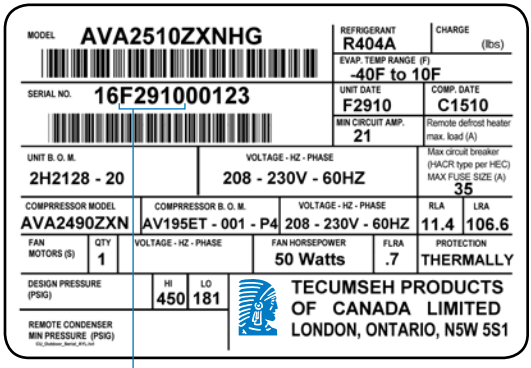
| | | | |
|---|---|---|---|
| A – January | D – April | G – July | K – October |
| B – February | E – May | H – August | L – November |
| C – March | F – June | J – September | M – December |

Figure 10




Example indoor condensing unit serial label

Figure 11




First letter indicates month (see Table 1), next 2 digits indicate day of the month, following 2 digits indicate year.

Example outdoor condensing unit serial label

# *Electrical Parts Program*

*While Tecumseh compressors are designed and manufactured to the most exacting standards, a small percentage will require service, primarily due to the normal wear of electrical component parts such as compressor motor relays and overloads.*

*Replacement relays and overloads must be accurately matched to the specific compressor involved in order to assure proper performance and prevent equipment failure.*

*The Tecumseh Electrical Parts Program together with the comprehensive Parts Guidebook are designed to assist the service engineer in obtaining correct Tecumseh parts for Tecumseh compressors regardless of the end product in which the compressor is installed.*

*Your Tecumseh Authorized Wholesaler Distributor has complete stock of these parts, detailed wiring diagrams, cross reference data and the know-how to help you.*

*Any part numbers removed from this cross reference is due to obsolescence of the part. This also means that no current replacement parts are available to replace the old numbers and their existence has outlasted the lifetime expectations of the product.*

# Tecumseh Start Assist Kit – SAK2

The solid state start assist is a popular method of improving the starting ability of a PSC compressor. Its low cost in comparison to a potential relay and start capacitor as well as the fact that ***one rating works on all PSC compressors*** are of prime interest.

We offer the following comments regarding the SAK2 Tecumseh start assist kit.

***What It Is:*** A solid state device utilizing PTC material which when wired in parallel with the run capacitor of a PSC compressor, provides additional starting torque.

***How It Works:*** The PTC material performs much the same function of a small start capacitor by momentarily increasing the motor start winding current. As the PTC material heats up, its resistance increases immediately to a point where it becomes essentially non-conductive and the compressor motor returns to PSC operation.

***Its Limitations:*** The starting torque provided by SAK2 is equal to that provided by the specified relay and start capacitor for AE, AK, AJ, RG, and RK PSC models but may be somewhat less than that provided by the specified relay and start capacitor for AB, AH, AV, AG, AW, and CL models. For unusually severe problems, the specified relay and start capacitor may have to be used.

For additional information as well as installation and wiring procedures, please refer to the sample instruction sheet on the following page.

# Instruction Sheet
# Start Assist Kit – SAK2 and SAK4

**SAK2:** This kit includes a solid state start assist device, a mounting clip, and two wiring leads. It is to be used only with a PSC air conditioning or heat pump compressor in self-equalizing systems to provide increased starting ability when starting problems are encountered.

**SAK4:** This kit includes a solid state start assist device, a mounting clip, and two wiring leads. It is a required part for the AVD5558EXN Compressor.

## No SAK Kit is to be used:

- With PSC air conditioning or heat pump compressors in non-self equalizing systems.
- With compressors wired for capacitor type off-cycle heat.
- As a replacement for the specified relay and start capacitor on any capacitor start and run compressor in any type system.

## Notes:

This device requires a 3 minute cool-down period between starts. Should this kit fail to start the compressor due to unusually severe starting problems, remove kit and install optional relay and start capacitor specified in Electrical Service Parts Guidebook.

## Installing and Wiring:

1. Secure mounting clip over run capacitor lip and snap device into place.
2. Connect (reversible) terminals of leads to device.
3. Connect (piggyback) terminals to run capacitor. These terminals have provision for attaching additional leads needed if run capacitor has only two terminals.
4. Refer to Figure 12 for additional wiring information.

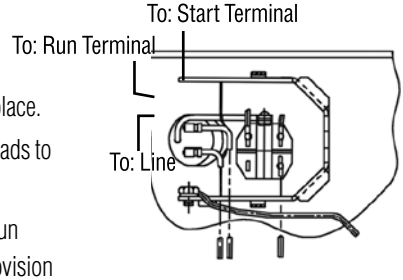



Figure 12

# Tecumseh Solid State Relay – SSR3

The SSR3 solid state relay may be used as a replacement for the current type on certain Tecumseh 115 volt RSIR compressors. Below and on the following page is information concerning the Tecumseh SSR3 relay.

# Instruction Sheet
# Solid State Relay – SSR3

This relay is intended to replace all current type push-on relays now specified for Tecumseh resistance start induction run (RSIR) compressors applied in household refrigerators and freezers. It is restricted to 115 volt operation.

### It is not to be used

- to replace current type relays now specified for Tecumseh RSIR compressors applied in rapid-cycling systems such as water coolers, etc.
- to replace current or potential type relays on Tecumseh capacitor start induction run (CSIR) compressors; it cannot be used along with a start capacitor.

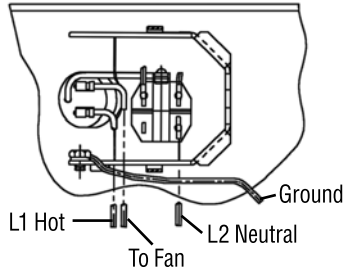
### Note:

For the above applications refer to Electrical Service Parts Guidebook for proper relay selection.

### Caution:

This relay runs very hot during compressor operation. Temperatures in excess of 150°F (66°C) are not uncommon. Allow a cool down period after compressor shut down before attempting to handle or remove.

Figure 13




### Installing and Wiring:

1. Disconnect power before removing protective cover.
2. Remove faulty relay and replace with SSR3.
3. Install and wire as shown in Figure 13.
4. If screw type relay termination is required, use adapter and screw provided.
5. Replace protective cover.

# Use of Solid State Relays

Tecumseh's position limiting the use of solid state relays to normal cycling 115 volt RSIR compressors is as follows:

A. It must be realized that a solid state relay is actuated on a thermal basis through the use of a material designated PTC. This PTC material is of a given cold resistance. It heats up rapidly as power is supplied, becomes non-conductive, and effectively opens the start winding circuit.

B. The usage of a CSIR compressor is generally one of intent in that high starting torque is needed in the application involved. Usually, this is because the compressor will be called upon to restart prior to complete pressure equalization (example, expansion valve systems). If a solid state relay is used on a CSIR compressor, the resistance added to the start winding circuit substantially reduced the starting torque. The result may be that the compressor will not start when required and will cycle on the overload for an undesirable length of time.

C. Additionally, if a solid state relay is used on an RSIR compressor applied in a rapid-cycling system, again a no-start situation could result. This is due to the cool-down period required of the PTC material, usually 4 to 6 minutes. In effect, the relay may still be hot (non-conductive) when called upon, the start winding will not be energized and the compressor will not restart.

The preceding comments apply to the Tecumseh SSR3 as well as all other solid state relays on the market.

# Start and Run Capacitor Ratings

| Start Cap P/N | MFD/Voltage |
|---|---|
| 85626 | 21-25/250 |
| 85704 | 340-408/110 |
| 85PS110C76 | 243-292/110 |
| 85PS110C90 | 145-175/110 |
| 85PS110C91 | 189-227/110 |
| 85PS110C92 | 270-324/110 |
| 85PS125D59 | 378-440/125 |
| 85PS165C27 | 270-324/165 |
| 85PS165C77 | 378-440/165 |
| 85PS165C96 | 161-193/165 |
| 85PS165C98 | 233-280/165 |
| 85PS220D02 | 72-88/220 |
| 85PS250A58 | 196-236/250 |
| 85PS250B87 | 216-259/250 |
| 85PS250C30 | 72-88/250 |
| 85PS250D05 | 47-56/250 |
| 85PS250D06 | 53-64/250 |
| 85PS250D07 | 64-77/250 |
| 85PS250D09 | 88-108/250 |
| 85PS250D10 | 130-156/250 |
| 85PS250D19 | 124-149/250 |
| 85PS330C23 | 88-108/330 |
| 85PS330C84 | 196-236/330 |
| 85PS330D12 | 72-88/330 |
| 85PS330D14 | 108-130/330 |
| 85PS330D15 | 124-149/330 |
| 85PS330D16 | 130-156/330 |
| 85PS330D17 | 145-175/330 |
| 85PS330D18 | 176-216/330 |
| 85PS330D23 | 161-193/330 |
| 85PS330D65 | 21-25/330 |

| Run Cap P/N | MFD/Voltage |
|---|---|
| 85PR220F12 | 15/220 |
| 85PR240F37 | 35/240 |
| 85PR370E35 | 20/370 |
| 85PR370E36 | 15/370 |
| 85PR370E63 | 40/370 |
| 85PR370F17 | 35/370 |
| 85PR370F20 | 25/370 |
| 85PR370F21 | 45/370 |
| 85PR370F23 | 30/370 |
| 85PR440E65 | 45/440 |
| 85PR440E90 | 55/440 |
| 85PR440F18 | 35/440 |
| 85PR440F19 | 20/440 |
| 85PR440F22 | 25/440 |
| 85PR440F24 | 15/440 |
| 85PR440F27 | 30/440 |
| 85PR440F28 | 40/440 |
| 85PR440F90 | 65/440 |

# Introduction to ESP Master Replacement Guide

This Guide should be used if the model number, voltage and application of the compressor are known.

Attention should be given to any explanation of information covered under the "Remarks" column. Coding is as follows:

| | |
|---|---|
| S/Cap | Start Capacitor |
| R/Cap | Run Capacitor |
| Opt. | Optional |

All voltage shown are 60 hertz and unless otherwise specified are single phase.

All 3450 RPM air conditioning compressors have PSC motors but can be operated CSR by adding the optional starting components. When PSC starting problems are encountered, either the specified relay and start capacitor or the SAK2 start assist may be used.

Certain refrigeration compressors may be serviced with either the specified current type relay or the SSR3 solid state relay.

| Model | Volts/Hz/Ph | RLA | LRA | Winding Resistance | | | Start Cap P/N | Run Cap P/N | Relay | Overload | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Start | Run | Line to Line | or MFD/Volt | or MFD/Volt | | | |
| AB5513G, H | 208-230/60/1 | ~ | ~ | ~ | ~ | ~ | 85PS330C23 | 85PR370E35 | K71-19 | INTERNAL | ~ |
| AB5515G, H | 208-230/60/1 | 7.18 | 43 | ~ | ~ | ~ | 85PS330D65 | 85PR370E35 | K71-19 | INTERNAL | ~ |
| AB5515G, H | 265/60/1 | 6.6 | 39.5 | ~ | ~ | ~ | 85PS330C23 | 85PR440F19 | K71-19 | INTERNAL | ~ |
| AB5517G, H | 208-230/60/1 | 7.8 | 49 | ~ | ~ | ~ | 85PS330C23 | 85PR440F19 | K71-19 | INTERNAL | ~ |
| AB5517G, H | 265/60/1 | 7.3 | 45 | ~ | ~ | ~ | 85PS330C23 | 85PR440F19 | K71-19 | INTERNAL | ~ |
| AB5519F, G, H | 208-230/60/1 | 9 | 53 | ~ | ~ | ~ | 85PS250D09 | 85PR370F20 | K71-19 | INTERNAL | ~ |
| AB5519F, G, H | 265/60/1 | 8.5 | 46 | ~ | ~ | ~ | 85PS330C23 | 85PR440F22 | 82964 | INTERNAL | ~ |
| AB5520F, G, H | 208-230/60/1 | 9.4 | 56 | ~ | ~ | ~ | 85PS250D09 | 85PR370F20 | 82965 | INTERNAL | ~ |
| AB5520F, G | 265/60/1 | 8.9 | 54 | ~ | ~ | ~ | 85PS330C23 | 85PR440F22 | 82964 | INTERNAL | ~ |
| AB5522F, G, H | 208-230/60/1 | 10.5 | 63 | ~ | ~ | ~ | 85PS250D09 | 85PR370F20 | 82965 | INTERNAL | ~ |
| AB5522F, G | 265/60/1 | 9.6 | 59.2 | ~ | ~ | ~ | 85PS330C23 | 85PR440F22 | 82964 | INTERNAL | ~ |
| AB5524F, G, H | 208-230/60/1 | 11 | 64 | ~ | ~ | ~ | 85PS250D09 | 85PR370F17 | 82965 | INTERNAL | ~ |
| AB5524F, G | 265/60/1 | 10.2 | 61 | ~ | ~ | ~ | 85PS330C23 | 85PR440F28 | 82964 | INTERNAL | ~ |
| AB5527H | 208-230/60/1 | 12.9 | 77 | ~ | ~ | ~ | 85PS330C23 | 85PR370F17 | 82965 | INTERNAL | ~ |
| AB5528G, H | 208-230/60/1 | 13.3 | 80 | ~ | ~ | ~ | 85PS250D09 | 85PR370F17 | 82965 | INTERNAL | ~ |
| AB5528G | 265/60/1 | 11.9 | 72 | ~ | ~ | ~ | 85PS330C23 | 85PR440F18 | 82966 | INTERNAL | ~ |
| AB5530G, H | 208-230/60/1 | 14 | 87 | ~ | ~ | ~ | 85PS330C23 | 85PR370F17 | 82965 | INTERNAL | ~ |
| AEA0415EXA | 115/60/1 | 3.7 | 28 | 12.33 | 1.55 | ~ | ~ | ~ | 82453 | 8300MRPK59 | ~ |
| AEA0415ZXA | 115/60/1 | 4 | 28 | 12.33 | 1.55 | ~ | ~ | ~ | 82453 | 8300MRTJ36 | Condenser Fan Required |
| AEA0415ZXD | 208-230/60/1 | 2.8 | 21.8 | 32.28 | 4.23 | ~ | ~ | ~ | 82008EAJ54 | 83004TMN72 | ~ |
| AEA0418AXA | 115/60/1 | 4.3 | 28 | 13.5 | 1.6 | ~ | ~ | ~ | 8200EMBE47 | K90-11 | Condenser Fan Required |
| AEA0423AXA | 115/60/1 | 6.7 | 40 | 17.27 | 0.96 | ~ | ~ | ~ | 820ARR12C06 | 8300MRTJ37 | Condenser Fan Required |
| AEA1316YXA | 115/60/1 | 1.2 | 11.7 | 16.41 | 7.64 | ~ | ~ | ~ | 820RR12E91 | 83781 | Static Condenser |
| AEA1320AXA | 115/60/1 | 1.2 | 11.7 | 16.41 | 7.64 | ~ | ~ | ~ | 82418 | 83643 | Static Condenser |

| Model | Volts/Hz/Ph | RLA | LRA | Winding Resistance | | | Start Cap P/N | Run Cap P/N | Relay | Overload | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Start | Run | Line to Line | or MFD/Volt | or MFD/Volt | | | |
| AEB1320AXA | 115/60/1 | 1 | 12.9 | ~ | ~ | ~ | ~ | ~ | 82418 | 83643 | Static Condenser |
| AEA1326YXA | 115/60/1 | 1.2 | 14 | 13.2 | 4.2 | ~ | ~ | ~ | 8200EMBH92 | 8300MRPG06 | Static Condenser |
| AEA1332AXA | 115/60/1 | 1.4 | 13.9 | 15.72 | 5.15 | ~ | ~ | ~ | 82404 | 83643 | ~ |
| AEB1332AXA | 115/60/1 | 1.3 | 14 | ~ | ~ | ~ | ~ | ~ | 820RR12B99 | 83974 | Static Condenser |
| AEA1332YXA | 115/60/1 | 1.55 | 14.6 | 15.72 | 5.15 | ~ | ~ | ~ | 82404 | 83613 | Static Condenser |
| AEA1336AXA | 115/60/1 | 1.7 | 14.6 | 15.72 | 5.15 | ~ | 85PS110C91 | ~ | 82404 | K90-01 | ~ |
| AEB1336AXA | 115/60/1 | 1.7 | 14.6 | 15.72 | 5.15 | ~ | ~ | ~ | 82404 | 83613 | Static Condenser |
| AEA1338YXA | 115/60/1 | 2.1 | 18 | 16.36 | 3.36 | ~ | ~ | ~ | K71-05 | K90-03 | Condenser Fan Required |
| AEA1343AXA | 115/60/1 | 2.3 | 18 | 16.36 | 3.36 | ~ | 85PS110C91 | ~ | K71-05 | K90-02 | ~ |
| AEB1343AXA | 115/60/1 | 1.75 | 18 | 12.5 | 3.5 | ~ | ~ | ~ | K71-08 | 8300MRPJ91 | Static Condenser |
| AEA1360AXA | 115/60/1 | 2.5 | 22 | 9.18 | 2.69 | ~ | 85PS110C91 | ~ | K71-08 | K90-07 | ~ |
| AEB1360AXA | 115/60/1 | 2.15 | 22.1 | ~ | ~ | ~ | ~ | ~ | ~ | 8300MRPG15 | ~ |
| AEA1360YXA | 115/60/1 | 2.05 | 20.7 | 13.3 | 2.3 | ~ | ~ | ~ | K71-08 | K90-04 | Static Condenser |
| AEA1380AXA | 115/60/1 | 3.65 | 31 | 11.96 | 1.94 | ~ | 85PS110C91 | ~ | 82403 | K90-07 | ~ |
| AEB1380AXA | 115/60/1 | 2.75 | 26.6 | 11.98 | 1.59 | ~ | ~ | ~ | 8209660J81 | K90-08 | ~ |
| AEA1380YXA | 115/60/1 | 2.6 | 24 | 11.82 | 1.69 | ~ | ~ | ~ | 820RR12G21 | 8300MRPG97 | Condenser Fan Required |
| AEA1410AXA | 115/60/1 | 4.1 | 35 | 6.69 | 1.54 | ~ | ~ | ~ | 820RR12B11 | K90-14 | ~ |
| AEA1410YXA | 115/60/1 | 3.2 | 28 | 12.33 | 1.55 | ~ | ~ | ~ | 82453 | 8300MRPH37 | Condenser Fan Required |
| AEB1411AXA | 115/60/1 | 3.8 | 32 | 10.45 | 1.27 | ~ | ~ | ~ | 8200EMBJ05 | K90-09 | ~ |
| AEA1411EXA | 115/60/1 | 4.5 | 31 | 12.42 | 1.4 | ~ | 85PS110C76 | ~ | K71-09 | K90-10 | Condenser Fan Required |
| AEA1413AXA | 115/60/1 | 4.6 | 35 | 6.69 | 1.54 | ~ | ~ | ~ | 820RR12B11 | 8300MRTC13 | ~ |
| AEB1413AXA | 115/60/1 | 4.2 | 32 | 10.45 | 1.27 | ~ | ~ | ~ | 8200EMBJ05 | K90-09 | ~ |
| AEA1413YXA | 115/60/1 | 5 | 37.5 | 13.95 | 0.97 | ~ | ~ | ~ | K71-10 | 8300MRTE48 | Condenser Fan Required |
| AEA1415EXA | 115/60/1 | 5.2 | 39 | 15.22 | 0.87 | ~ | 85PS110C76 | ~ | 820RR12A76 | K90-16 | Condenser Fan Required |

| Model | Volts/Hz/Ph | RLA | LRA | Winding Resistance | | | Start Cap P/N | Run Cap P/N | Relay | Overload | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Start | Run | Line to Line | or MFD/Volt | or MFD/Volt | | | |
| AEA2380ZXA | 115/60/1 | 4.4 | 30.2 | 6.59 | 1.36 | ~ | 85PS110C76 | ~ | K71-12 | K90-11 | Condenser Fan Required |
| AEA2410YXA | 115/60/1 | 5.6 | 40 | 5.94 | 1.1 | ~ | 85PS110C92 | ~ | K71-01 | K90-17 | Condenser Fan Required |
| AEA2411JXA | 115/60/1 | 4.4 | 30.2 | 6.59 | 1.36 | ~ | 85PS110C76 | ~ | K71-12 | K90-11 | Condenser Fan Required |
| AEA2411ZXA | 115/60/1 | 5.9 | 40 | 5.94 | 1.1 | ~ | 85PS165C27 | ~ | K71-01 | K90-15 | Condenser Fan Required |
| AEA2411ZXD | 208-230/60/1 | 2.5 | 20.9 | 20.4 | 3.9 | ~ | 85PS250C30 | ~ | 820RR12L30 | 8300MRPG95 | Condenser Fan Required |
| AEA2413AXA | 115/60/1 | 4.8 | 30.2 | 6.59 | 1.36 | ~ | 85PS110C76 | ~ | K71-12 | K90-12 | ~ |
| AEA2413YXA | 115/60/1 | 5.9 | 40 | 5.94 | 1.1 | ~ | 85PS110C92 | ~ | K71-01 | K90-17 | Condenser Fan Required |
| AEA2415AAB | 115/60/1 | 8.3 | 40 | 5.94 | 1.1 | ~ | 85PS110C92 | ~ | K71-01 | K90-17 | Condenser Fan Required |
| AEA2415AXD | 208-230/60/1 | 3.1 | 20.5 | 20.4 | 3.9 | ~ | 85PS220D02 | ~ | 82427 | 8300MRPD92 | Condenser Fan Required |
| AEA3414APP | 220-60-1 | 1.23 | 8.5 | 60.66 | 12.76 | ~ | ~ | ~ | 82407 | 83701 | Condenser Fan Required |
| AEA2416JXA | 115/60/1 | 5.9 | 40 | 5.94 | 1.1 | ~ | 85PS165C27 | ~ | K71-01 | K90-15 | Condenser Fan Required |
| AEA3414AXA | 115/60/1 | 2.9 | 18 | 16.36 | 3.36 | ~ | 85PS110C91 | ~ | K71-05 | K90-07 | Condenser Fan Required |
| AEA3414YXA | 115/60/1 | 3.14 | 14.43 | 16.36 | 3.36 | ~ | 85PS110C91 | ~ | K71-05 | K90-07 | Condenser Fan Required |
| AEA3414YXP | 220-60-1 | 1.6 | 8.5 | 60.66 | 12.76 | ~ | ~ | ~ | 8200EMBH66 | 8300MRPF31 | Condenser Fan Required |
| AEA3415ZXA | 115/60/1 | 3.3 | 22 | 9.18 | 2.69 | ~ | ~ | ~ | K71-08 | 8300MRPE07 | Condenser Fan Required |
| AEA3417AXA | 115/60/1 | 3.4 | 22 | 9.18 | 2.69 | ~ | 85PS110C91 | ~ | K71-08 | K90-07 | Condenser Fan Required |
| AEA3417YXA | 115/60/1 | 3.4 | 22 | 9.18 | 2.69 | ~ | 85PS110C91 | ~ | K71-08 | K90-07 | Condenser Fan Required |
| AEA3417YXD | 208-230/60/1 | 1.9 | 13.7 | 44.81 | 6.86 | ~ | ~ | ~ | 82415 | K90-01 | ~ |
| AEA3425AXA | 115/60/1 | 4.4 | 24 | 11.85 | 2.29 | ~ | 85PS110C91 | ~ | 82403 | K90-08 | Condenser Fan Required |
| AEB3425AXA | 115/60/1 | 4 | 26.6 | ~ | ~ | ~ | ~ | ~ | 82403 | K90-07 | Condenser Fan Required |
| AEA3425YXA | 115/60/1 | 4.4 | 24 | 11.85 | 2.29 | ~ | 85PS110C91 | ~ | 820RR12L01 | K90-10 | ~ |
| AEA3425YXD | 208-230/60/1 | 2.2 | 13.7 | 44.81 | 6.86 | ~ | 53-64/220 | ~ | 82415 | 8300MRAN80 | ~ |
| AEA3430AXA | 115/60/1 | 5.4 | 28 | 12.24 | 1.83 | ~ | 85PS110C91 | ~ | K71-09 | K90-10 | Condenser Fan Required |
| AEA3430YXA | 115/60/1 | 5.4 | 28 | 12.24 | 1.83 | ~ | 85PS110C91 | ~ | K71-09 | K90-10 | Condenser Fan Required |

| Model | Volts/Hz/Ph | RLA | LRA | Winding Resistance | | | Start Cap P/N | Run Cap P/N | Relay | Overload | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Start | Run | Line to Line | or MFD/Volt | or MFD/Volt | | | |
| AEA3430YXU | 100/60/1 | 5.7 | 36 | 9.71 | 1.03 | ~ | ~ | ~ | 82453 | K90-15 | Condenser Fan Required |
| AEA3440AXA | 115/60/1 | 5.4 | 28 | 10.66 | 1.51 | ~ | 85PS110C91 | ~ | K71-10 | K90-16 | Condenser Fan Required |
| AEB3440AXA | 115/60/1 | 6.2 | 37.5 | ~ | ~ | ~ | ~ | ~ | ~ | ~ | Condenser Fan Required |
| AEA3440YXA | 115/60/1 | 6.9 | 35 | 10.66 | 1.51 | ~ | 85PS110C90 | ~ | K71-10 | K90-21 | Condenser Fan Required |
| AEA3440YXD | 208-230/60/1 | 3.6 | 21.8 | 32.28 | 4.23 | ~ | ~ | ~ | K71-08 | 8300MRPM67 | Condenser Fan Required |
| AEA3448AXA | 115/60/1 | 8.7 | 40 | 16.13 | 0.98 | ~ | ~ | ~ | 820RR12C28 | 8300MRAJ87 | Condenser Fan Required |
| AEA3448YXA | 115/60/1 | 8.7 | 40 | 17.27 | 0.96 | ~ | ~ | ~ | 820RR12C28 | 8300MRAJ87 | Condenser Fan Required |
| AEA4430AXA | 115/60/1 | 5 | 29 | 5.05 | 1.83 | ~ | 85PS110C76 | ~ | K71-09 | K90-11 | Condenser Fan Required |
| AEA4430AXD | 208-230/60/1 | 2.8 | 14.4 | 14.75 | 5.63 | ~ | 53-64/220 | ~ | 82476 | 8300MRPB02 | Condenser Fan Required |
| AEA4430YXA | 115/60/1 | 5.3 | 29 | 5.05 | 1.83 | ~ | 85PS110C76 | ~ | K71-09 | K90-12 | Condenser Fan Required |
| AEA4430YXD | 208-230/60/1 | 2.8 | 14.4 | 14.75 | 5.63 | ~ | 85PS250D06 | ~ | 14949174 | 8300MRPM85 | Condenser Fan Required |
| AEA4440AXA | 115/60/1 | 6.8 | 32.7 | 10.6 | 1.27 | ~ | 85PS110C90 | ~ | K71-10 | K90-16 | Condenser Fan Required |
| AEA4440AXD | 208-230/60/1 | 3.6 | 16.8 | 26.67 | 4.8 | ~ | 85PS250D05 | ~ | K71-08 | 8300MRPA97 | Condenser Fan Required |
| AEA4440YXA | 115/60/1 | 7.2 | 32.7 | 10.6 | 1.27 | ~ | 85PS110C90 | ~ | K71-10 | K90-16 | Condenser Fan Required |
| AEA4440YXD | 208-230/60/1 | 3.9 | 19 | 26.19 | 4.55 | ~ | 85PS250D05 | ~ | K71-08 | K90-08 | Condenser Fan Required |
| AEA4448AXA | 115/60/1 | 8.3 | 40 | 5.94 | 1.1 | ~ | 85PS110C92 | ~ | K71-01 | K90-19 | Condenser Fan Required |
| AEA4448YXA | 115/60/1 | 8.14 | 40 | 5.94 | 1.1 | ~ | 85PS110C92 | ~ | K71-01 | K90-22 | Condenser Fan Required |
| AEA4448YXD | 208-230/60/1 | 5.3 | 24.5 | 20.4 | 3.46 | ~ | 85PS250C30 | ~ | 820RR12L03 | 8300MRAN90 | Condenser Fan Required |
| AEA5455EXA | 115/60/1 | 6.2 | 28 | 13.63 | 1.36 | ~ | 85PS330D65 | 85PR370E36 | K71-19 | 83949 | ~ |
| AEA5460EXA | 115/60/1 | 7 | 31 | 12.78 | 1.13 | ~ | 85626 | 85PR370E36 | K71-19 | K90-21 | ~ |
| AEA5465EXA | 115/60/1 | 7.7 | 34 | 11.8 | 0.87 | ~ | 85626 | 85PR370E36 | K71-19 | 8300MRAA06 | ~ |
| AEA5465EXD | 208-230/60/1 | 4 | 20 | 8.63 | 3.02 | ~ | 85PS330D65 | 85PR370E36 | 820ARR3B09 | 8300MRPC07 | ~ |
| AEA5465EXV | 265/60/1 | 3.32 | 16 | 11.98 | 4.5 | ~ | 85PS330D65 | 85PR440F24 | 820ARR3B85 | 8300MRPB68 | ~ |
| AEA5470EXA | 115/60/1 | 8.3 | 38 | 11.73 | 0.83 | ~ | 85626 | 85PR370E36 | K71-19 | 8300MRAA94 | ~ |

| Model | Volts/Hz/Ph | RLA | LRA | Winding Resistance | | | Start Cap P/N | Run Cap P/N | Relay | Overload | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Start | Run | Line to Line | or MFD/Volt | or MFD/Volt | | | |
| AEA8458EXA | 115/60/1 | 5.2 | 24 | 13.31 | 1.56 | ~ | 85626 | 85PR370E36 | K71-19 | 8300MRAC45 | ~ |
| AEA8467EXA | 115/60/1 | 6 | 34 | ~ | ~ | ~ | 85626 | 85PR370E36 | K71-19 | K90-10 | ~ |
| AEA8469EXA | 115/60/1 | 6.2 | 34 | ~ | ~ | ~ | 85626 | 85PR370E36 | K71-19 | K90-10 | ~ |
| AEA8475EXA | 115/60/1 | 7 | 34 | 12.44 | 1.02 | ~ | 85626 | 85PR370E36 | K71-19 | 8300MRAB59 | ~ |
| AEA9415EXA | 115/60/1 | 4.3 | 29 | 5.05 | 1.83 | ~ | 85PS110C76 | ~ | K71-09 | K90-12 | Condenser Fan Required |
| AEA9415ZXA | 115/60/1 | 4.5 | 29 | 5.05 | 1.83 | ~ | 85PS110C76 | ~ | K71-09 | K90-13 | Condenser Fan Required |
| AEA9419YXA | 115/60/1 | 5.4 | 38 | 6.08 | 0.97 | ~ | 85PS165C27 | ~ | K71-01 | 8300MRPE79 | ~ |
| AEA9422EXA | 115/60/1 | 6.1 | 40 | 5.94 | 1.1 | ~ | 85PS165C27 | ~ | K71-01 | K90-15 | Condenser Fan Required |
| AEA9422EXD | 208-230/60/1 | 3.2 | 20.5 | 20.4 | 3.9 | ~ | 85PS250C30 | ~ | 820RR12L30 | 8300MRAN11 | ~ |
| AEA9422ZXA | 115/60/1 | 6.7 | 40 | 5.94 | 1.1 | ~ | 85PS165C27 | ~ | K71-01 | K90-21 | Condenser Fan Required |
| AEA9422ZXD | 208-230/60/1 | 3.4 | 21 | 17.25 | 3.31 | ~ | 85PS250C30 | ~ | 820RR12L30 | 8300MRPP74 | ~ |
| AEA9423YXA | 115/60/1 | 7.7 | 45 | 5.82 | 0.82 | ~ | 85PS110C92 | ~ | K71-06 | 8300MRTE81 | ~ |
| AGA4534AXG | 460/60/3 | 5.5 | 32 | ~ | ~ | 5.59 | ~ | ~ | ~ | INTERNAL | ~ |
| AGA4534AXN | 208-230/60/1 | 17 | 90 | 2.52 | 0.687 | ~ | 85PS330D16 | 85PR440F28 | K71-20 | INTERNAL | ~ |
| AGA4534AXT | 200-230/60/3 | 10.4 | 60 | ~ | ~ | 1.63 | ~ | ~ | ~ | INTERNAL | ~ |
| AGA4543AXG | 460/60/3 | 7 | 47 | ~ | ~ | 3.83 | ~ | ~ | ~ | INTERNAL | ~ |
| AGA4543AXN | 208-230/60/1 | 22.5 | 115 | 2.358 | 0.479 | ~ | 85PS330D16 | 85PR440F28 | K71-20 | INTERNAL | ~ |
| AGA4543AXT | 200-230/60/3 | 13.8 | 93 | ~ | ~ | 0.957 | ~ | ~ | ~ | INTERNAL | ~ |
| AGC5546EXG | 460/60/3 | 7 | 47 | ~ | ~ | 3.83 | ~ | ~ | ~ | INTERNAL | ~ |
| AGA5546EXH | 575/60/3 | 5.3 | 30 | ~ | ~ | 7.88 | ~ | ~ | ~ | INTERNAL | ~ |
| AGA5546EXN | 208-230/60/1 | 22.7 | 115 | 2.358 | 0.479 | ~ | 85PS330D16 | 85PR440F28 | K71-20 | INTERNAL | ~ |
| AGB5546EXN | 208-230/60/1 | 20.8 | 130 | ~ | ~ | ~ | 85PS330D18 | 85PR370F17 | K71-20 | INTERNAL | 2 R/Caps required |
| AGA5546EXT | 200-230/60/3 | 13.5 | 93 | ~ | ~ | 0.957 | ~ | ~ | ~ | INTERNAL | ~ |
| AGC5553EXG | 460/60/3 | 7.8 | 54 | ~ | ~ | 2.88 | ~ | ~ | ~ | INTERNAL | ~ |

| Model | Volts/Hz/Ph | RLA | LRA | Winding Resistance | | | Start Cap P/N | Run Cap P/N | Relay | Overload | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Start | Run | Line to Line | or MFD/Volt | or MFD/Volt | | | |
| AGA5553EXH | 575/60/3 | 6 | 30 | ~ | ~ | 7.88 | ~ | ~ | ~ | INTERNAL | ~ |
| AGA5553EXN | 208-230/60/1 | 26.2 | 132 | 2.05 | 0.395 | ~ | 85PS330D16 | 85PR440E65 | K71-20 | INTERNAL | ~ |
| AGB5553EXN | 208-230/60/1 | 24.6 | 148 | ~ | ~ | ~ | 85PS330D18 | 85PR370F17 | K71-20 | INTERNAL | 2 R/Caps required |
| AGA5553EXT | 200-230/60/3 | 15.5 | 103 | ~ | ~ | 0.824 | ~ | ~ | ~ | INTERNAL | ~ |
| AGB5553EXT | 200-230/60/3 | 15.1 | 137 | ~ | ~ | 0.572 | ~ | ~ | ~ | INTERNAL | ~ |
| AGC5561EXG | 460/60/3 | 9.5 | 62 | ~ | ~ | 2.48 | ~ | ~ | ~ | INTERNAL | ~ |
| AGA5561EXH | 575/60/3 | 7 | 39 | ~ | ~ | 5.89 | ~ | ~ | ~ | INTERNAL | ~ |
| AGA5561EXN | 208-230/60/1 | 30.5 | 165 | 1.673 | 0.359 | ~ | 85PS330D16 | 85PR440E90 | K71-20 | INTERNAL | ~ |
| AGB5561EXN | 208-230/60/1 | 27.8 | 180 | ~ | ~ | ~ | 85PS330D18 | 85PR370F21 | 820ARR3C64 | INTERNAL | 2 R/Caps required |
| AGA5561EXT | 200-230/60/3 | 18 | 126 | ~ | ~ | 0.658 | ~ | ~ | ~ | INTERNAL | ~ |
| AGB5561EXT | 200-230/60/3 | 18 | 158 | ~ | ~ | 0.421 | ~ | ~ | ~ | INTERNAL | ~ |
| AGC5568EXG | 460/60/3 | 10.6 | 75 | ~ | ~ | 2.04 | ~ | ~ | ~ | INTERNAL | ~ |
| AGB5568EXH | 575/60/3 | 7.7 | 49 | ~ | ~ | 3.38 | ~ | ~ | ~ | INTERNAL | ~ |
| AGA5568EXN | 208-230/60/1 | 34.5 | 179 | 1.61 | 0.253 | ~ | 85PS330D16 | 85PR440E90 | K71-20 | INTERNAL | ~ |
| AGA5568EXT | 200-230/60/3 | 20 | 135 | ~ | ~ | 0.614 | ~ | ~ | ~ | INTERNAL | ~ |
| AGA5573EXG | 460/60/3 | 11.8 | 79 | ~ | ~ | 1.68 | ~ | ~ | ~ | INTERNAL | ~ |
| AGA5573EXH | 575/60/3 | 9.4 | 62 | ~ | ~ | 2.69 | ~ | ~ | ~ | INTERNAL | ~ |
| AGA5573EXT | 200-230/60/3 | 22.2 | 165 | ~ | ~ | 0.428 | ~ | ~ | ~ | INTERNAL | ~ |
| AGA9530ZXG | 460/60/3 | 7.5 | 62 | ~ | ~ | 2.48 | ~ | ~ | ~ | INTERNAL | ~ |
| AGA9530ZXN | 208-230/60/1 | 25 | 165 | 1.673 | 0.359 | ~ | 85PS330D18 | 85PR440E90 | K71-20 | INTERNAL | ~ |
| AGA9530ZXT | 200-230/60/3 | 16 | 126 | ~ | ~ | 0.658 | ~ | ~ | ~ | INTERNAL | ~ |
| AGA9534ZXG | 460/60/3 | 8.3 | 75 | ~ | ~ | 2.04 | ~ | ~ | ~ | INTERNAL | ~ |
| AGA9534ZXN | 208-230/60/1 | 28 | 179 | 1.61 | 0.253 | ~ | 85PS330C84 | 85PR440F18 | K71-20 | INTERNAL | ~ |
| AGA9534ZXT | 200-230/60/3 | 17.1 | 135 | ~ | ~ | 0.614 | ~ | ~ | ~ | INTERNAL | ~ |

| Model | Volts/Hz/Ph | RLA | LRA | Winding Resistance | | | Start Cap P/N | Run Cap P/N | Relay | Overload | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Start | Run | Line to Line | or MFD/Volt | or MFD/Volt | | | |
| AHA2435AXD | 208-230/60/1 | 6.4 | 45 | 2.5 | 1.83 | ~ | 85PS250A58 | ~ | K71-25 | INTERNAL | Relay needs 91112 brkt. |
| AHA2445AXD | 208-230/60/1 | 8.2 | 51 | 2.6 | 1.24 | ~ | 85PS250A58 | ~ | K71-24 | INTERNAL | Relay needs 91112 brkt. |
| AHA2445AXF | 208-230/60/3 | 3.8 | 34 | ~ | ~ | 2.78 | ~ | ~ | ~ | INTERNAL | ~ |
| AHA2445AXG | 460/60/3 | 2.7 | 24 | ~ | ~ | 6.26 | ~ | ~ | ~ | INTERNAL | ~ |
| AHA2465ZXB | 230/60/1 | 10.7 | 75 | 3.59 | 0.65 | ~ | 85PS330C84 | 85PR370E35 | K71-17 | INTERNAL | ~ |
| AHA2465ZXF | 208-230/60/3 | 6 | 47 | ~ | ~ | 1.72 | ~ | ~ | ~ | INTERNAL | ~ |
| AHA2466AXD | 208-230/60/1 | 9.7 | 71 | 3.95 | 0.68 | ~ | 85PS250A58 | 85PR370E35 | K71-17 | INTERNAL | ~ |
| AHA2466AXF | 208-230/60/3 | 5.4 | 47 | ~ | ~ | 1.72 | ~ | ~ | ~ | INTERNAL | ~ |
| AHA2466AXG | 460/60/3 | 2.7 | 24 | ~ | ~ | 6.26 | ~ | ~ | ~ | INTERNAL | ~ |
| AHA2480JXB | 230/60/1 | 9.7 | 75 | 3.59 | 0.65 | ~ | 85PS250A58 | 85PR370E35 | K71-17 | INTERNAL | ~ |
| AHA2480JXF | 208-230/60/3 | 5.6 | 47 | ~ | ~ | 1.72 | ~ | ~ | ~ | INTERNAL | ~ |
| AH2490AT | 208-230/60/1 | 8.2 | 51 | ~ | ~ | ~ | 85PS250A58 | ~ | 8206409A50 | INTERNAL | 2 Relays and S/Caps required |
| AHA2490ZXD | 208-230/60/1 | 14.2 | 103 | 2.08 | 0.52 | ~ | 85PS330D16 | 85PR440F18 | K71-20 | INTERNAL | ~ |
| AHA2490ZXF | 208-230/60/3 | 8.1 | 65 | ~ | ~ | 1.5 | ~ | ~ | ~ | INTERNAL | ~ |
| AHA2490ZXG | 460/60/3 | 3.8 | 27 | ~ | ~ | 6.05 | ~ | ~ | ~ | INTERNAL | ~ |
| AHA2511JXB | 230/60/1 | 11.4 | 108 | ~ | ~ | ~ | 85PS250A58 | 85PR370F17 | K71-17 | INTERNAL | ~ |
| AHB2511JXD | 208-230/60/1 | 11.4 | 94.8 | 2.41 | 0.53 | ~ | 85PS330D18 | 85PR370F20 | 820ARR3C44 | INTERNAL | ~ |
| AHB2511JXF | 208-230/60/3 | 7 | 65 | ~ | ~ | 1.5 | ~ | ~ | ~ | INTERNAL | ~ |
| AHB2511JXG | 460/60/3 | 3.8 | 27 | ~ | ~ | 6.05 | ~ | ~ | ~ | ~ | ~ |
| AH2513AT | 208-230/60/1 | 9.7 | 71 | ~ | ~ | ~ | 85PS250A58 | 85PR370E35 | K71-17 | INTERNAL | 2 ea req'd: Relays, S/Caps, and R/Caps |
| AHA4518AXD | 208-230/60/1 | 10 | 45 | 3.65 | 1.27 | ~ | 85PS250D09 | 85PR370F17 | K71-19 | INTERNAL | ~ |
| AHA4518AXF | 208-230/60/3 | 6.2 | 34 | ~ | ~ | 2.78 | ~ | ~ | ~ | INTERNAL | ~ |
| AHA4518AXG | 460/60/3 | 3.6 | 24 | ~ | ~ | 6.26 | ~ | ~ | ~ | INTERNAL | ~ |
| AHA4520EXD | 208-230/60/1 | 10..0 | 51 | 3.74 | 1.04 | ~ | 85PS250D09 | 85PR370F17 | K71-19 | INTERNAL | ~ |

| Model | Volts/Hz/Ph | RLA | LRA | Winding Resistance | | | Start Cap P/N | Run Cap P/N | Relay | Overload | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Start | Run | Line to Line | or MFD/Volt | or MFD/Volt | | | |
| AHA4520EXF | 208-230/60/3 | 5 | 55.5 | ~ | ~ | 1.57 | ~ | ~ | ~ | INTERNAL | ~ |
| AHA4520EXG | 460/60/3 | 3.2 | 24 | ~ | ~ | 6.26 | ~ | ~ | ~ | INTERNAL | ~ |
| AHA4522EXD | 208-230/60/1 | 11 | 51 | 3.74 | 1.04 | ~ | 85PS250D09 | 85PR370F17 | K71-19 | INTERNAL | ~ |
| AHA4522EXF | 208-230/60/3 | 7 | 55.5 | ~ | ~ | 1.57 | ~ | ~ | ~ | INTERNAL | ~ |
| AHA4524EXD | 208-230/60/1 | 12.2 | 60 | 3.65 | 0.87 | ~ | 85PS250D09 | 85PR370F17 | K71-19 | INTERNAL | ~ |
| AHA4524EXF | 208-230/60/3 | 8 | 55.5 | ~ | ~ | 1.57 | ~ | ~ | ~ | INTERNAL | ~ |
| AHA4524EXG | 460/60/3 | 3.8 | 24 | ~ | ~ | 6.26 | ~ | ~ | ~ | INTERNAL | ~ |
| AHA4525AXD | 208-230/60/1 | 15 | 71 | 2.75 | 0.864 | ~ | 85PS250D09 | 85PR370F17 | K71-19 | INTERNAL | ~ |
| AHA4525AXG | 460/60/3 | 4.5 | 24 | ~ | ~ | 6.26 | ~ | ~ | ~ | INTERNAL | ~ |
| AHA4531EXD | 208-230/60/1 | 16.5 | 76 | 3.81 | 0.63 | ~ | 85PS250D09 | 85PR370F17 | K71-19 | INTERNAL | ~ |
| AHA4531EXF | 208-230/60/3 | 9.75 | 65 | ~ | ~ | 1.5 | ~ | ~ | ~ | INTERNAL | ~ |
| AHA4531EXG | 460/60/3 | 4.9 | 27 | ~ | ~ | 6.05 | ~ | ~ | ~ | INTERNAL | ~ |
| AHA4540EXD | 208-230/60/1 | 22.5 | 103 | 2.08 | 0.52 | ~ | 85PS330D16 | 85PR440F18 | K71-20 | INTERNAL | ~ |
| AHA4540EXF | 208-230/60/3 | 12.5 | 72 | ~ | ~ | 1.13 | ~ | ~ | ~ | INTERNAL | ~ |
| AHA4540EXG | 460/60/3 | 6.2 | 35 | ~ | ~ | 4.58 | ~ | ~ | ~ | INTERNAL | ~ |
| AH4550AT | 208-230/60/1 | 12 | 71 | ~ | ~ | ~ | 85PS250D09 | 85PR370F17 | K71-19 | INTERNAL | 2 ea req'd: Relays, S/Caps, and R/Caps |
| AH5519E | 208-230/60/1 | 11.5 | 50 | 4 - 7 | 5 - 9 | ~ | 85PS250D09 | 85PR370F17 | K71-19 | INTERNAL | ~ |
| AH5520E, F | 208-230/60/1 | 10 | 51 | 2 - 5 | 3 - 7 | ~ | 85PS250D09 | 85PR370F17 | K71-19 | INTERNAL | ~ |
| AH5520E, F | 265/60/1 | 11 | 60 | ~ | ~ | ~ | 85PS330C23 | 85PR440F18 | K71-20 | INTERNAL | ~ |
| AH5520E, F | 200-230/60/3 | 6 | 51 | ~ | ~ | 1.63 | ~ | ~ | ~ | INTERNAL | ~ |
| AH5522E, F | 208-230/60/1 | 10.5 | 55 | 2 - 5 | 3 - 7 | ~ | 85PS250D09 | 85PR370F17 | K71-19 | INTERNAL | ~ |
| AH5522E, F | 265/60/1 | 11.5 | 65 | 2 - 7 | 4 - 7 | ~ | 85PS330C23 | 85PR440F18 | K71-20 | INTERNAL | ~ |
| AH5522E | 200-230/60/3 | 6 | 51 | ~ | ~ | 1.63 | ~ | ~ | ~ | INTERNAL | ~ |
| AH5524E, F | 208-230/60/1 | 10.4 | 60 | 2 - 5 | 3 - 7 | ~ | 85PS250D09 | 85PR370F17 | K71-19 | INTERNAL | ~ |

| Model | Volts/Hz/Ph | RLA | LRA | Winding Resistance | | | Start Cap P/N | Run Cap P/N | Relay | Overload | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Start | Run | Line to Line | or MFD/Volt | or MFD/Volt | | | |
| AH5524E, F | 265/60/1 | 11.5 | 65 | 2 - 5 | 3 - 7 | ~ | 85PS330C23 | 85PR440F18 | K71-20 | INTERNAL | ~ |
| AH5524E | 200-230/60/3 | 6.5 | 60 | ~ | ~ | 1.63 | ~ | ~ | ~ | INTERNAL | ~ |
| AHA5527EXD | 208-230/60/1 | 14.4 | 71 | 1 - 5 | 2 - 6 | ~ | 85PS250D09 | 85PR370F17 | K71-19 | INTERNAL | ~ |
| AH5527E, F | 265/60/1 | 11.5 | 73 | 1 - 5 | 2 - 6 | ~ | 85PS330C23 | 85PR440F18 | K71-20 | INTERNAL | ~ |
| AH5527E | 200-230/60/3 | 7.6 | 63.4 | ~ | ~ | 1.28 | ~ | ~ | ~ | INTERNAL | ~ |
| AH5530E, F | 208-230/60/1 | 15 | 76 | 2 - 5 | 2 - 6 | ~ | 85PS250D09 | 85PR370F17 | K71-19 | INTERNAL | ~ |
| AH5531E, F | 208-230/60/1 | 16.5 | 76 | 2 - 5 | 2 - 6 | ~ | 85PS250D09 | 85PR370F17 | K71-19 | INTERNAL | ~ |
| AH5531E, F | 265/60/1 | 14.4 | 71 | 2 - 5 | 3 - 6 | ~ | 85PS330C23 | 85PR440F18 | K71-20 | INTERNAL | ~ |
| AH5531E | 200-230/60/3 | 8.2 | 63.4 | ~ | ~ | 1.28 | ~ | ~ | ~ | INTERNAL | ~ |
| AH5533E | 208-230/60/1 | 16.5 | 76 | 2 - 5 | 3 - 6 | ~ | 85PS250D09 | 85PR370F17 | K71-19 | INTERNAL | ~ |
| AH5533E | 265/60/1 | 14.4 | 71 | ~ | ~ | ~ | 85PS330C23 | 85PR440F18 | K71-20 | INTERNAL | ~ |
| AH5534E | 208-230/60/1 | 15.8 | 88 | 1 - 5 | 2 - 5 | ~ | 85PS250D09 | 85PR370F17 | K71-19 | INTERNAL | ~ |
| AH5534E | 200-230/60/3 | 9.7 | 65.1 | ~ | ~ | 1.58 | ~ | ~ | ~ | INTERNAL | ~ |
| AH5534E | 460/60/3 | 4.76 | 32.8 | ~ | ~ | 6.27 | ~ | ~ | ~ | INTERNAL | ~ |
| AH5540E | 208-230/60/1 | 22 | 103 | 1 - 5 | 1 - 5 | ~ | 85PS330D16 | 85PR440F18 | K71-20 | INTERNAL | ~ |
| AH5540E | 200-230/60/3 | 10.8 | 73.4 | ~ | ~ | 1.31 | ~ | ~ | ~ | INTERNAL | ~ |
| AH5540E | 460/60/3 | 5.3 | 37.7 | ~ | ~ | 5.25 | ~ | ~ | ~ | INTERNAL | ~ |
| AHA7480AXD | 208-230/60/1 | 6.5 | 41 | 4.28 | 1.8 | ~ | 85PS330D16 | 85PR370E36 | K71-17 | INTERNAL | ~ |
| AHA7480AXF | 208-230/60/3 | 4.2 | 34 | ~ | ~ | 2.78 | ~ | ~ | ~ | INTERNAL | ~ |
| AHA7511AXD | 208-230/60/1 | 9 | 41 | 4.28 | 1.8 | ~ | 85PS330D16 | 85PR370F20 | K71-17 | INTERNAL | ~ |
| AHB7511AXD | 208-230/60/1 | 8.6 | 45 | 3.65 | 1.27 | ~ | 85PS250D09 | 85PR370F17 | K71-19 | INTERNAL | ~ |
| AHA7511AXF | 208-230/60/3 | 5.7 | 34 | ~ | ~ | 2.78 | ~ | ~ | ~ | INTERNAL | ~ |
| AHA7513ZXD | 208-230/60/1 | 11.7 | 67.4 | 3.48 | 0.81 | ~ | 85PS330D15 | 85PR370F17 | K71-16 | INTERNAL | ~ |
| AHA7513ZXF | 208-230/60/3 | 7.75 | 55.5 | ~ | ~ | 1.57 | ~ | ~ | ~ | INTERNAL | ~ |

| Model | Volts/Hz/Ph | RLA | LRA | Winding Resistance | | | Start Cap P/N | Run Cap P/N | Relay | Overload | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Start | Run | Line to Line | or MFD/Volt | or MFD/Volt | | | |
| AHA7514AXD | 208-230/60/1 | 10.4 | 60 | 3.48 | 0.8 | ~ | 85PS250D09 | 85PR370F17 | K71-19 | INTERNAL | ~ |
| AHA7514AXF | 208-230/60/3 | 7.3 | 55.5 | ~ | ~ | 1.57 | ~ | ~ | ~ | INTERNAL | ~ |
| AHA7515JXB | 230/60/1 | 11.5 | 60 | 3.65 | 0.87 | ~ | 85PS250D09 | 85PR370F17 | K71-19 | INTERNAL | ~ |
| AHA7515JXF | 208-230/60/3 | 7.5 | 55 | ~ | ~ | 1.57 | ~ | ~ | ~ | INTERNAL | ~ |
| AHA7521ZXD | 208-230/60/1 | 18.4 | 103 | 2.08 | 0.52 | ~ | 85PS330D16 | 85PR440F18 | K71-20 | INTERNAL | ~ |
| AHA7521ZXF | 208-230/60/3 | 10.4 | 65 | ~ | ~ | 1.5 | ~ | ~ | ~ | INTERNAL | ~ |
| AHA7524JXB | 230/60/1 | 21 | 103 | 2.08 | 0.52 | ~ | 85PS330D16 | 85PR440F18 | K71-20 | INTERNAL | ~ |
| AHA7524ZXF | 208-230/60/3 | 11 | 65 | ~ | ~ | 1.5 | ~ | ~ | ~ | INTERNAL | ~ |
| AH8524E | 208-230/60/1 | 9.7 | 57 | ~ | ~ | ~ | 85PS250D09 | 85PR370F17 | K71-19 | INTERNAL | ~ |
| AH8526E | 208-230/60/1 | 10.2 | 57 | ~ | ~ | ~ | 85PS250D09 | 85PR370F17 | K71-19 | INTERNAL | ~ |
| AH8526E | 265/60/1 | 9.2 | 50 | ~ | ~ | ~ | 85PS330C23 | 85PR440F18 | K71-19 | INTERNAL | ~ |
| AH8529E | 208-230/60/1 | 11.2 | 57 | ~ | ~ | ~ | 85PS250D09 | 85PR370F17 | K71-19 | INTERNAL | ~ |
| AH8529E | 265/60/1 | 10 | 50 | ~ | ~ | ~ | 85PS330C23 | 85PR440F18 | K71-19 | INTERNAL | ~ |
| AH8532E | 208-230/60/1 | 13 | 65 | ~ | ~ | ~ | 85PS250D09 | 85PR370F17 | K71-19 | INTERNAL | ~ |
| AH8532E | 265/60/1 | 11.3 | 61 | ~ | ~ | ~ | 85PS330C23 | 50/440 | K71-20 | INTERNAL | ~ |
| AH8538E | 208-230/60/1 | 14.9 | 75 | ~ | ~ | ~ | 85PS250D09 | 85PR370F17 | K71-19 | INTERNAL | ~ |
| AH8538E | 265/60/1 | 12.8 | 70 | ~ | ~ | ~ | 85PS330C23 | 50/440 | K71-20 | INTERNAL | ~ |
| AH8539E | 208-230/60/1 | 16.4 | 88 | ~ | ~ | ~ | 85PS250D09 | 85PR370F17 | K71-19 | INTERNAL | ~ |
| AH8543E | 208-230/60/1 | 17.1 | 88 | ~ | ~ | ~ | 85PS250D09 | 85PR370F17 | K71-19 | INTERNAL | ~ |
| AH8543E | 265/60/1 | 14.8 | 76 | ~ | ~ | ~ | 85PS330C23 | 50/440 | K71-20 | INTERNAL | ~ |
| AH8548E | 208-230/60/1 | 20.5 | 104 | ~ | ~ | ~ | 85PS330D16 | 85PR370F17 | K71-20 | INTERNAL | ~ |
| AH8548E | 265/60/1 | 17.8 | 92 | ~ | ~ | ~ | 85PS330D16 | 50/440 | K71-20 | INTERNAL | ~ |
| AJ1416A | 115/60/1 | 5.6 | 35 | ~ | ~ | ~ | ~ | ~ | ~ | ~ | ~ |
| AJ1420E | 115/60/1 | 6.4 | 48 | ~ | ~ | ~ | ~ | ~ | ~ | ~ | ~ |

| Model | Volts/Hz/Ph | RLA | LRA | Winding Resistance | | | Start Cap P/N | Run Cap P/N | Relay | Overload | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Start | Run | Line to Line | or MFD/Volt | or MFD/Volt | | | |
| AJA1420EXA | 115/60/1 | 6.4 | 48 | 6 - 10 | 6 - 9 | ~ | 85PS165C98 | ~ | ~ | K90-31 | ~ |
| AJA2416AXA | 115/60/1 | 6.8 | 38.2 | 8.19 | 0.89 | ~ | 85PS165C96 | ~ | K71-11 | K90-17 | ~ |
| AJ2416B | 115/60/1 | 5.9 | 36 | ~ | ~ | ~ | 145-175/165 | ~ | ~ | ~ | ~ |
| AJA2419YXA | 115/60/1 | 6.8 | 68 | 3.06 | 0.48 | ~ | 85PS110C92 | 85PR370E36 | K71-13 | K90-30 | ~ |
| AJA2419ZXA | 115/60/1 | 6.7 | 68 | 3.06 | 0.48 | ~ | 85PS110C92 | 85PR370E36 | K71-13 | K90-30 | ~ |
| AJA2419ZXD | 208-230/60/1 | 3 | 34 | 3.43 | 1.84 | ~ | 85PS330D23 | 85PR370E36 | 820ARR3B89 | K90-09 | ~ |
| AJA2424JXA | 115/60/1 | 6.6 | 68 | 3.06 | 0.48 | ~ | 85PS110C92 | 85PR370E36 | K71-13 | 8300CRBL10 | ~ |
| AJA2424JXD | 208-230/60/1 | 3 | 34 | 3.43 | 1.84 | ~ | 161-193/250 | 85PR370E36 | 820ARR3B89 | K90-09 | ~ |
| AJA2425AXA | 115/60/1 | 7.9 | 57 | 3.78 | 0.56 | ~ | 85PS165C27 | ~ | K71-15 | 8300CSTH11 | ~ |
| AJA2425AXD | 208-230/60/1 | 4.3 | 30 | 13.4 | 1.93 | ~ | 85PS220D02 | ~ | 82488-1 | K90-09 | ~ |
| AJA2425ZXA | 115/60/1 | 7.9 | 68.4 | 3.06 | 0.48 | ~ | 85PS165C27 | 85PR370E36 | K71-18 | K90-35 | ~ |
| AJA2425ZXD | 208-230/60/1 | 4.4 | 38.7 | 3.66 | 1.75 | ~ | 85PS330D23 | 85PR370E36 | K71-16 | K90-18 | ~ |
| AJA2430JXA | 115/60/1 | 8.9 | 57 | 3.78 | 0.56 | ~ | 85PS125D59 | ~ | K71-02 | 8300CSTL02 | ~ |
| AJA2432ZXA | 115/60/1 | 8.4 | 67 | 0.6 | 3.7 | ~ | 85PS165C42 | 85PR370F23 | K71-19 | K90-29 | ~ |
| AJB2433ZXA | 115/60/1 | 10 | 67 | 2.52 | 0.46 | ~ | 85PS165C98 | 85PR370F23 | K71-19 | K90-29 | ~ |
| AJB2433ZXD | 208-230/60/1 | 4.8 | 37 | 8.14 | 1.61 | ~ | 85PS330C23 | 85PR370E36 | K71-17 | K90-20 | ~ |
| AJB2444ZXD | 208-230/60/1 | 6.5 | 55 | 4.1 | 1 | ~ | 85PS330D15 | 85PR370E35 | 820ARR3K15 | K90-29 | ~ |
| AJ4443A | 115/60/1 | ~ | ~ | ~ | ~ | ~ | 145-175/165 | ~ | ~ | ~ | ~ |
| AJA4461AXA | 115/60/1 | 9.1 | 47 | 4.65 | 0.8 | ~ | 85PS165C98 | ~ | K71-02 | K90-34 | Use K90-21 if 3/4" overload req'd |
| AJB4461AXA | 115/60/1 | 9.5 | 45 | 8.28 | 0.764 | ~ | 85PS165C96 | ~ | K71-02 | 8300MRTA19 | ~ |
| AJA4461AXD | 208-230/60/1 | 4.5 | 24 | 17.3 | 2.77 | ~ | 85PS250D07 | ~ | 82484-1 | K90-11 | ~ |
| AJB4461AXD | 208-230/60/1 | 4.8 | 25 | 20.9 | 2.64 | ~ | 85PS250D06 | ~ | 82484 | 8300MRTA26 | ~ |
| AJA4492AXA | 115/60/1 | 13.7 | 69 | 2.9 | 0.446 | ~ | 85704 | ~ | K71-14 | K90-38 | ~ |
| AJ4492A | 208-230/60/1 | 7 | 41.8 | 9.99 | 1.48 | ~ | 85PS250D09 | ~ | K71-11 | K90-21 | ~ |

| Model | Volts/Hz/Ph | RLA | LRA | Winding Resistance | | | Start Cap P/N | Run Cap P/N | Relay | Overload | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Start | Run | Line to Line | or MFD/Volt | or MFD/Volt | | | |
| AJA4492AXD | 208-230/60/1 | 7 | 41.8 | 9.99 | 1.48 | ~ | 85PS250D09 | ~ | K71-11 | K90-21 | ~ |
| AJA4492YXA | 115/60/1 | 13 | 69 | 2.9 | 0.446 | ~ | 85PS165C77 | ~ | K71-14 | K90-38 | ~ |
| AJA4492YXD | 208-230/60/1 | 7 | 41.8 | 9.99 | 1.48 | ~ | 85PS250D09 | ~ | K71-11 | K90-21 | ~ |
| AJA4512AXD | 208-230/60/1 | 7 | 41 | 6.57 | 1.47 | ~ | 85PS330C23 | 85PR370E36 | K71-16 | K90-24 | ~ |
| AJA4512YXD | 208-230/60/1 | 7 | 41 | 6.57 | 1.47 | ~ | 85PS330C23 | 85PR370E36 | K71-16 | K90-23 | ~ |
| AJB5513EXA | 115/60/1 | 14.9 | 70 | ~ | ~ | ~ | 85PS330D65 | 85PR370F20 | ~ | 8300CRAC08 | ~ |
| AJB5513EXD | 208-230/60/1 | 7.5 | 37.5 | 9.5 | 1.8 | ~ | 85626 | 17.5/370 | K71-19 | 83927 | ~ |
| AJB5515EXD | 208-230/60/1 | 8.5 | 41 | 7.33 | 1.49 | ~ | 85626 | 85PR370E35 | K71-19 | K90-34 | ~ |
| AJB5515EXV | 265/60/1 | 7.4 | 42 | 8.59 | 1.69 | ~ | 85PS330D65 | 85PR440F19 | K71-21 | K90-31 | ~ |
| AJA5517EXD | 208-230/60/1 | 10.2 | 55 | 4.94 | 1.2 | ~ | 85PS330D65 | 85PR370E35 | K71-19 | K90-36 | ~ |
| AJA5517EXV | 265/60/1 | 9.2 | 52 | 6.13 | 1.29 | ~ | 85PS330D65 | 85PR440F19 | K71-21 | 83726 | ~ |
| AJA5518EXD | 208-230/60/1 | 11.2 | 54 | 4.49 | 1.2 | ~ | 85626 | 85PR370F20 | K71-19 | 83735 | ~ |
| AJA5518EXV | 265/60/1 | 8.8 | 47 | 5.77 | 1.37 | ~ | 85PS330D65 | 85PR440F27 | K71-21 | K90-34 | ~ |
| AJA5519EXD | 208-230/60/1 | 11.6 | 57 | 4.49 | 1.2 | ~ | 85PS330D65 | 85PR370F20 | K71-19 | K90-39 | ~ |
| AJA5519EXV | 265/60/1 | 10 | 55 | 6.13 | 1.29 | ~ | 85PS330D65 | 85PR440F22 | K71-21 | K90-36 | ~ |
| AJC5519EXD | 208-230/60/1 | 11.6 | 57 | 5.14 | 1.17 | ~ | 85PS330D65 | 85PR370F20 | K71-19 | K90-39 | ~ |
| AJA6435AXA | 115/60/1 | 8.2 | 38.2 | 8.5 | 0.8 | ~ | 88-108/165 | ~ | K71-11 | 83918 | ~ |
| AJA7441AXA | 115/60/1 | 8.8 | 49.5 | 2.83 | 0.675 | ~ | 85PS125D59 | ~ | K71-02 | K90-33 | ~ |
| AJA7441AXD | 208-230/60/1 | 5 | 29 | 6.28 | 2.25 | ~ | 85PS250D19 | ~ | 820ARR2A29 | K90-13 | ~ |
| AJA7455ZXA | 115/60/1 | 11.2 | 65 | 2.88 | 0.55 | ~ | 340-408/165 | 85PR370E36 | 820ARR3H38 | INTERNAL | ~ |
| AJA7455ZXD | 208-230/60/1 | 5.1 | 34 | 3.74 | 1.96 | ~ | 161-193/250 | 85PR370E36 | K71-16 | INTERNAL | ~ |
| AJB7461JXA | 115/60/1 | 11.2 | 65 | 2.76 | 0.55 | ~ | 340-408/165 | 85PR370E36 | 820ARR3H38 | INTERNAL | ~ |
| AJB7461JXD | 208-230/60/1 | 5.15 | 34 | 3.55 | 1.96 | ~ | 85PS330D23 | 85PR370E36 | K71-16 | INTERNAL | ~ |
| AJA7461YXA | 115/60/1 | 10.1 | 68 | 3.06 | 0.48 | ~ | 85PS110C92 | 85PR370E36 | K71-13 | K90-38 | ~ |

| Model | Volts/Hz/Ph | RLA | LRA | Winding Resistance | | | Start Cap P/N | Run Cap P/N | Relay | Overload | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Start | Run | Line to Line | or MFD/Volt | or MFD/Volt | | | |
| AJA7461YXD | 208-230/60/1 | 6.4 | 46 | 6.33 | 1.34 | ~ | 85PS330C23 | ~ | K71-11 | K90-18 | ~ |
| AJ7465K | 115/60/1 | ~ | ~ | ~ | ~ | ~ | 85PS110C92 | 85PR370E36 | 820ARR3A17 | K90-38 | ~ |
| AJA7465AXA | 115/60/1 | 11.6 | 68 | 3.06 | 0.48 | ~ | 85PS110C92 | 85PR370E36 | K71-13 | K90-38 | ~ |
| AJB7465AXD | 208-230/60/1 | 7 | 46 | 6.61 | 1.34 | ~ | 85PS330C23 | ~ | K71-02 | K90-18 | ~ |
| AJA7490ZXD | 208-230/60/1 | 6.9 | 40.6 | 2.74 | 1.52 | ~ | 85PS330C23 | 85PR370F21 | K71-16 | K90-24 | ~ |
| AJA7494ZXD | 208-230/60/1 | 8.9 | 54 | 2.55 | 1.08 | ~ | 85PS250B87 | 85PR370F20 | K71-16 | INTERNAL | ~ |
| AJB7510JXD | 208-230/60/1 | 8.8 | 54 | 2.55 | 1.08 | ~ | 85PS250B87 | 85PR370F20 | 820ARR3B61 | INTERNAL | ~ |
| AJA8520EXD | 208-230/60/1 | 7.8 | 40.6 | 2.82 | 1.43 | ~ | 85PS330D65 | 85PR370F21 | 820ARR3B16 | K90-24 | ~ |
| AJD8520EXV | 265/60/1 | 6.2 | 34 | 2.46 | 2.02 | ~ | 85PS330D65 | 85PR370E63 | 820ARR3B16 | INTERNAL | ~ |
| AJA9484EXD | 208-230/60/1 | 6.9 | 54 | 2.71 | 1.23 | ~ | 85PS250B87 | 85PR370F20 | K71-16 | K90-35 | ~ |
| AKA2415ZXA | 115/60/1 | 4.9 | 30 | 3.43 | 1.05 | ~ | 85PS330D14 | 85PR370F17 | 820ARR3K52 | 8300MSTH07 | ~ |
| AKA2415ZXD | 208-230/60/1 | 2.3 | 20 | 4.66 | 3.67 | ~ | 85PS330D14 | 85PR370E35 | 820ARR3K53 | 8300MRPT82 | ~ |
| AKA2419ZXD | 208-230/60/1 | 2.6 | 20 | 7.46 | 3.34 | ~ | 85PS330D12 | 85PR370E36 | K71-16 | 8300RBCT81 | ~ |
| AKA2425ZXA | 115/60/1 | 6.3 | 40 | 3.24 | 0.797 | ~ | 85PS330D80 | 85PR370F17 | 820ARR3K42 | 8300MRTT42 | ~ |
| AKA2425ZXD | 208-230/60/1 | 3.2 | 27 | 3.43 | 3.04 | ~ | 85PS330D14 | 85PR370F20 | 82759 | 8300RBCT81 | ~ |
| AKA4460YXA | 115/60/1 | 9.5 | 48 | 4.6 | 0.66 | ~ | 85PS165C96 | ~ | K71-02 | K90-35 | Use K90-23 if 3/4" overload req'd |
| AKA4460YXD | 208-230/60/1 | 8.4 | 23 | 6.23 | 2.75 | ~ | 85PS330D12 | ~ | K71-22 | K90-13 | ~ |
| AKA4476YXA | 115/60/1 | 11.3 | 58.8 | 4.22 | 0.59 | ~ | 85PS125D59 | ~ | K71-02 | K90-27 | ~ |
| AKB4476YXA | 115/60/1 | 10 | 43.5 | 6.65 | 0.71 | ~ | 161-193/250 | 85PR370E36 | 820ARR3K56 | K90-27 | ~ |
| AKA4476YXD | 208-230/60/1 | 5.7 | 27.4 | 4.7 | 2.23 | ~ | 85PS250D10 | ~ | K71-22 | K90-19 | ~ |
| AKA4482YXA | 115/60/1 | 12.3 | 59 | 10.17 | 0.56 | ~ | 85PS250D07 | ~ | K71-11 | K90-27 | ~ |
| AKA5460EXA | 115/60/1 | 6 | 29.8 | ~ | ~ | ~ | 85PS330D65 | 85PR370F20 | 820ARR3B09 | 8300MRAC75 | ~ |
| AKA5470EXA | 115/60/1 | 7.1 | 35 | 10.01 | 1.03 | ~ | 85PS330D65 | 85PR370E36 | K71-19 | K90-22 | ~ |
| AKA5470YXA | 115/60/1 | 11.3 | 58.8 | 4.22 | 0.59 | ~ | 85PS330D65 | 85PR370E36 | K71-19 | K90-19 | ~ |

| Model | Volts/Hz/Ph | RLA | LRA | Winding Resistance | | | Start Cap P/N | Run Cap P/N | Relay | Overload | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Start | Run | Line to Line | or MFD/Volt | or MFD/Volt | | | |
| AKA5470EXD | 208-230/60/1 | 3.5 | 22.4 | ~ | ~ | ~ | 85PS330D65 | 85PR370E36 | 820ARR3H13 | 8300MRAD31 | ~ |
| AKA5470EXV | 265/60/1 | 3 | 19 | ~ | ~ | ~ | 85PS330D65 | 85PR370E36 | ~ | ~ | ~ |
| AKA5483EXA | 115/60/1 | 9 | 43 | 12.09 | 0.72 | ~ | 85PS330D65 | 85PR370E36 | K71-19 | K90-26 | ~ |
| AKA5483EXD | 208-230/60/1 | 4.4 | 21.3 | 7.76 | 2.86 | ~ | 85PS330D65 | 85PR370E36 | K71-19 | K90-16 | ~ |
| AKA5483EXV | 265/60/1 | 3.9 | 22.3 | 13.8 | 4.17 | ~ | 85PS330D65 | 85PR370E36 | K71-19 | 8300MRAB55 | ~ |
| AKA5494EXA | 115/60/1 | 10.4 | 46 | ~ | ~ | ~ | 85626 | 85PR370E36 | K71-19 | K90-25 | ~ |
| AKA5494EXD | 208-230/60/1 | 5.5 | 26 | ~ | ~ | ~ | 85626 | 85PR370E36 | ~ | 8300MRAC72 | ~ |
| AKA5510EXA | 115/60/1 | 10.5 | 47 | 6.19 | 0.69 | ~ | 85PS330D65 | 85PR370F20 | K71-19 | K90-25 | ~ |
| AKA5510EXD | 208-230/60/1 | 5.7 | 28 | 8.9 | 2.59 | ~ | 85626 | 85PR370E36 | K71-19 | K90-19 | ~ |
| AKA5510EXV | 265/60/1 | 5 | 27.4 | 9.63 | 3.04 | ~ | 85PS330D65 | 85PR370E36 | K71-19 | K90-14 | ~ |
| AKA5511EXA | 115/60/1 | 11 | 50 | 5.95 | 0.69 | ~ | 85626 | 85PR370F20 | K71-19 | K90-39 | ~ |
| AKA5511EXD | 208-230/60/1 | 6 | 31 | 10.43 | 1.77 | ~ | 85PS330D12 | 85PR370E36 | 82243 | 8300MRAC46 | ~ |
| AKA5512EXA | 115/60/1 | 12.5 | 62 | 7.17 | 0.557 | ~ | 85PS330D65 | 85PR370F20 | K71-21 | K90-39 | ~ |
| AKA5512EXD | 208-230/60/1 | 6.8 | 34 | 10.23 | 1.72 | ~ | 85PS330D12 | 85PR370E36 | K71-16 | K90-22 | ~ |
| AKA5512EXV | 265/60/1 | 5.5 | 33 | 8.78 | 2.34 | ~ | 85PS330D65 | 85PR440F24 | K71-21 | K90-18 | ~ |
| AKA8475EXA | 115/60/1 | 5.6 | 29.8 | 4.97 | 1.24 | ~ | 85626 | 85PR370F20 | 820ARR3B09 | 8300MRAC75 | ~ |
| AKA8475EXD | 208-230/60/1 | 2.8 | 15.9 | 6.54 | 3.93 | ~ | 85PS330D65 | 85PR370E36 | K71-19 | 8300MRAE77 | ~ |
| AKA8475EXV | 265/60/1 | 2.6 | 12.3 | 8.57 | 5.96 | ~ | 85PS330D65 | 85PR370E36 | K71-19 | 8300MRAE78 | ~ |
| AKA8483EXA | 115/60/1 | 6.6 | 35 | ~ | ~ | ~ | 85PS330D65 | 85PR370E36 | K71-19 | ~ | ~ |
| AKA8494EXA | 115/60/1 | 7 | 40 | 3.09 | 0.8 | ~ | 85626 | 85PR370F17 | 820ARR3B09 | K90-22 | ~ |
| AKA8494EXD | 208-230/60/1 | 3.5 | 20 | 7.19 | 3.26 | ~ | 85PS330D65 | 85PR370E36 | K71-19 | 8300MRAD96 | ~ |
| AKA8494EXV | 265/60/1 | 3 | 16 | 7.8 | 4.15 | ~ | 85PS330D65 | 85PR370E36 | K71-19 | 8300MRAD97 | ~ |
| AKA8511EXA | 115/60/1 | 8.9 | 50 | 5.95 | 0.69 | ~ | 85626 | 85PR370F20 | K71-19 | K90-39 | ~ |
| AKA8511EXD | 208-230/60/1 | 4.8 | 31 | 10.43 | 1.77 | ~ | 85626 | 17.5/370 | K71-19 | 8300MRAC46 | ~ |

| Model | Volts/Hz/Ph | RLA | LRA | Winding Resistance | | | Start Cap P/N | Run Cap P/N | Relay | Overload | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Start | Run | Line to Line | or MFD/Volt | or MFD/Volt | | | |
| AKA8511EXV | 265/60/1 | 3.8 | 26.3 | 7.11 | 2.69 | ~ | 85PS330D65 | 85PR370E36 | K71-19 | 8300MRAF48 | ~ |
| AKA8512CXV | 265/60/1 | 4 | 26.3 | 7.15 | 2.75 | ~ | 85PS330D65 | 85PR370E36 | K71-19 | 8300MRAD17 | ~ |
| AKA8512EXA | 115/60/1 | 9.4 | 53 | ~ | ~ | ~ | ~ | ~ | ~ | ~ | ~ |
| AKA8512EXD | 208-230/60/1 | 4.6 | 31.2 | 4.44 | 2.36 | ~ | 85PS330D65 | 85PR370F20 | 820ARR3C24 | 8300MRAF10 | ~ |
| AKA8512EXV | 265/60/1 | 4.2 | 26.3 | 7.11 | 2.69 | ~ | 85PS330D65 | 85PR370E36 | K71-19 | 8300MRAD17 | ~ |
| AKA8513EXA | 115/60/1 | 10.8 | 50 | 5.95 | 0.69 | ~ | 85626 | 85PR370F20 | K71-19 | K90-39 | ~ |
| AKA8513EXD | 208-230/60/1 | 5.8 | 31 | 10.43 | 1.77 | ~ | 85626 | 85PR370E36 | K71-19 | 8300MRAC46 | ~ |
| AKA8513EXV | 265/60/1 | 4.7 | 26.3 | 7.11 | 2.69 | ~ | 85PS330D65 | 85PR370E36 | K71-19 | 8300MRAD17 | ~ |
| AKA8514EXA | 115/60/1 | 10.75 | 53 | 2.95 | 0.65 | ~ | 85626 | 85PR370F21 | 820ARR3B16 | 8300CRAC05 | ~ |
| AKA8514EXD | 208-230/60/1 | 5.5 | 31.2 | 4.61 | 2.25 | ~ | 85PS330D65 | 85PR370F20 | 820ARR3C24 | 8300MRAE61 | ~ |
| AKA8514EXV | 265/60/1 | 4.8 | 27 | 8.19 | 2.75 | ~ | 85PS330D65 | 85PR440F24 | K71-19 | 8300MRAE57 | ~ |
| AKA8515CXV | 265/60/1 | 4.9 | 33 | 8.78 | 2.38 | ~ | 85PS330D65 | 85PR440F24 | K71-21 | K90-18 | ~ |
| AKA8515EXA | 115/60/1 | 13 | 75 | 7.77 | 0.438 | ~ | 85PS330D65 | 85PR370F17 | K71-19 | 8300CRAK78 | ~ |
| AKA8515EXD | 208-230/60/1 | 6.2 | 36 | 6.09 | 2.15 | ~ | 85PS330D65 | 85PR370F20 | K71-19 | 8300MSTE14 | ~ |
| AKA8515EXV | 265/60/1 | 5.4 | 33 | 8.78 | 2.34 | ~ | 85PS330D65 | 85PR440F24 | K71-21 | K90-18 | ~ |
| AKA9427ZXA | 115/60/1 | 7.8 | 48 | 4.6 | 0.66 | ~ | 85PS165C96 | ~ | K71-02 | K90-32 | ~ |
| AKA9427ZXD | 208-230/60/1 | 3.8 | 23 | 6.23 | 2.75 | ~ | 72-88/370 | ~ | 82484-1 | K90-09 | ~ |
| AKA9428EXA | 115/60/1 | 7.3 | 48 | 4.6 | 0.66 | ~ | 85PS165C96 | ~ | K71-02 | K90-35 | ~ |
| AKA9428EXD | 208-230/60/1 | 3.7 | 23 | 6.23 | 2.75 | ~ | 85PS330D12 | ~ | 82484-1 | K90-13 | ~ |
| AKA9428ZXA | 115/60/1 | 7.3 | 48 | 4.6 | 0.66 | ~ | 85PS165C96 | ~ | K71-02 | K90-35 | ~ |
| AKA9428ZXD | 208-230/60/1 | 3.7 | 23 | 6.23 | 2.75 | ~ | 85PS330D12 | ~ | 82484-1 | K90-13 | ~ |
| AKA9434AXA | 115/60/1 | 7.75 | 48 | 4.6 | 0.66 | ~ | 85PS165C96 | ~ | K71-02 | K90-23 | ~ |
| AKA9434AXD | 208-230/60/1 | 4.2 | 23 | 4.6 | 0.66 | ~ | 85PS330D12 | ~ | K71-02 | K90-23 | ~ |
| AKA9438ZXA | 115/60/1 | 9.2 | 58.8 | 4.22 | 0.59 | ~ | 85PS125D59 | 85PR370F23 | K71-02 | K90-34 | ~ |

| Model | Volts/Hz/Ph | RLA | LRA | Winding Resistance | | | Start Cap P/N | Run Cap P/N | Relay | Overload | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Start | Run | Line to Line | or MFD/Volt | or MFD/Volt | | | |
| AKA9438ZXD | 208-230/60/1 | 4.3 | 31 | 10.43 | 1.77 | ~ | 85PS330D12 | 85PR370E36 | K71-17 | K90-12 | ~ |
| AKA9441AXA | 115/60/1 | 9.2 | 58.8 | 4.22 | 0.59 | ~ | 85PS125D59 | ~ | K71-02 | K90-23 | ~ |
| AKA9441AXD | 208-230/60/1 | 4.6 | 27.4 | 4.7 | 2.23 | ~ | 85PS250D10 | ~ | 8200EMBJ93 | K90-19 | ~ |
| AKA9442EXA | 115/60/1 | 8.8 | 58.8 | 4.22 | 0.59 | ~ | 85PS125D59 | ~ | K71-02 | K90-37 | ~ |
| AKA9442EXD | 208-230/60/1 | 4 | 31 | 10.43 | 1.77 | ~ | 85PS330D12 | 85PR370E36 | K71-17 | K90-16 | ~ |
| AKA9451ZXA | 115/60/1 | 9.4 | 50 | 5.95 | 0.69 | ~ | 85PS250C30 | 85PR370F20 | K71-19 | K90-24 | ~ |
| AKA9451ZXD | 208-230/60/1 | 5.2 | 31 | 10.43 | 1.77 | ~ | 85PS330D12 | 85PR370E36 | K71-17 | 8300MRAM71 | ~ |
| AKA9455EXD | 208-230/60/1 | 4.9 | 31 | 10.43 | 1.77 | ~ | 85PS330D12 | 85PR370E36 | K71-17 | K90-20 | ~ |
| AKA9455ZXA | 115/60/1 | 10.1 | 50 | 5.95 | 0.69 | ~ | 85PS250C30 | 85PR370F20 | K71-19 | K90-27 | ~ |
| AKA9455ZXD | 208-230/60/1 | 5.7 | 31 | 10.43 | 1.77 | ~ | 85PS330D12 | 85PR370E36 | K71-17 | K90-20 | ~ |
| AKA9458JXA | 115/60/1 | 9.3 | 50 | 5.95 | 0.69 | ~ | 85PS250C30 | 85PR370F20 | K71-19 | K90-27 | ~ |
| AKA9458JXD | 208-230/60/1 | 5.2 | 31 | 10.43 | 1.77 | ~ | 85PS330D12 | 85PR370E36 | K71-17 | K90-16 | ~ |
| AKA9462EXD | 208-230/60/1 | 5.3 | 31 | 10.43 | 1.77 | ~ | 85PS330D12 | 85PR370E36 | K71-17 | K90-20 | ~ |
| AKA9462ZXA | 115/60/1 | 11.9 | 68 | 7.12 | 0.45 | ~ | 85PS250C30 | 85PR370F20 | K71-19 | K90-40 | ~ |
| AKA9462ZXD | 208-230/60/1 | 6.8 | 34 | 10.23 | 1.72 | ~ | 85PS330D12 | 85PR370E36 | K71-16 | K90-22 | ~ |
| AKA9466JXA | 115/60/1 | 10.4 | 50 | 5.95 | 0.69 | ~ | 85PS250C30 | 85PR370F20 | K71-19 | 8300MRAG76 | ~ |
| AKA9466JXD | 208-230/60/1 | 5.9 | 31 | 10.43 | 1.77 | ~ | 85PS330D12 | 85PR370E36 | K71-17 | K90-20 | ~ |
| AKA9474JXA | 115/60/1 | 12.2 | 68 | 7.12 | 4.5 | ~ | 85PS330D12 | 85PR370F20 | K71-16 | K90-40 | ~ |
| AKA9474JXD | 208-230/60/1 | 6.8 | 34 | 10.23 | 1.72 | ~ | 85PS250C30 | 85PR370E36 | K71-16 | K90-22 | ~ |
| ANA5590EXG | 460/60/3 | 13.7 | 86.1 | ~ | ~ | 1.35 | ~ | ~ | ~ | INTERNAL | ~ |
| ANB5590EXG | 460/60/3 | 13.7 | 86.1 | ~ | ~ | 1.35 | ~ | ~ | ~ | INTERNAL | ~ |
| ANC5590EXG | 460/60/3 | 13.7 | 86.1 | ~ | ~ | 1.35 | ~ | ~ | ~ | INTERNAL | ~ |
| AND5590EXG | 460/60/3 | 13.7 | 86.1 | ~ | ~ | 1.35 | ~ | ~ | ~ | INTERNAL | ~ |
| ANA5590EXT | 200-230/60/3 | 27 | 172 | ~ | ~ | 0.343 | ~ | ~ | ~ | INTERNAL | ~ |

| Model | Volts/Hz/Ph | RLA | LRA | Winding Resistance | | | Start Cap P/N | Run Cap P/N | Relay | Overload | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Start | Run | Line to Line | or MFD/Volt | or MFD/Volt | | | |
| ANB5590EXT | 200-230/60/3 | 27 | 172 | ~ | ~ | 0.343 | ~ | ~ | ~ | INTERNAL | ~ |
| ANC5590EXT | 200-230/60/3 | 27 | 172 | ~ | ~ | 0.343 | ~ | ~ | ~ | INTERNAL | ~ |
| AND5590EXT | 200-230/60/3 | 27 | 172 | ~ | ~ | 0.343 | ~ | ~ | ~ | INTERNAL | ~ |
| ANA5610EXG | 460/60/3 | 14.4 | 93.3 | ~ | ~ | 1.33 | ~ | ~ | ~ | INTERNAL | ~ |
| ANB5610EXG | 460/60/3 | 14.4 | 93.3 | ~ | ~ | 1.33 | ~ | ~ | ~ | INTERNAL | ~ |
| ANC5610EXG | 460/60/3 | 14.4 | 93.3 | ~ | ~ | 1.33 | ~ | ~ | ~ | INTERNAL | ~ |
| AND5610EXG | 460/60/3 | 14.4 | 93.3 | ~ | ~ | 1.33 | ~ | ~ | ~ | INTERNAL | ~ |
| ANA5610EXT | 200-230/60/3 | 29 | 183 | ~ | ~ | 0.33 | ~ | ~ | ~ | INTERNAL | ~ |
| ANB5610EXT | 200-230/60/3 | 29 | 183 | ~ | ~ | 0.33 | ~ | ~ | ~ | INTERNAL | ~ |
| ANC5610EXT | 200-230/60/3 | 29 | 183 | ~ | ~ | 0.33 | ~ | ~ | ~ | INTERNAL | ~ |
| AND5610EXT | 200-230/60/3 | 29 | 183 | ~ | ~ | 0.33 | ~ | ~ | ~ | INTERNAL | ~ |
| ANA5612EXG | 460/60/3 | 17.8 | 116 | ~ | ~ | 0.918 | ~ | ~ | ~ | INTERNAL | ~ |
| ANB5612EXG | 460/60/3 | 17.8 | 116 | ~ | ~ | 0.918 | ~ | ~ | ~ | INTERNAL | ~ |
| ANC5612EXG | 460/60/3 | 17.8 | 116 | ~ | ~ | 0.918 | ~ | ~ | ~ | INTERNAL | ~ |
| AND5612EXG | 460/60/3 | 17.8 | 116 | ~ | ~ | 0.918 | ~ | ~ | ~ | INTERNAL | ~ |
| ANA5612EXH | 575/60/3 | 14.5 | 91 | ~ | ~ | 1.61 | ~ | ~ | ~ | INTERNAL | ~ |
| ANB5612EXH | 575/60/3 | 14.5 | 91 | ~ | ~ | 1.61 | ~ | ~ | ~ | INTERNAL | ~ |
| ANC5612EXH | 575/60/3 | 14.5 | 91 | ~ | ~ | 1.61 | ~ | ~ | ~ | INTERNAL | ~ |
| AND5612EXH | 575/60/3 | 14.5 | 91 | ~ | ~ | 1.61 | ~ | ~ | ~ | INTERNAL | ~ |
| ANA5612EXT | 200-230/60/3 | 36 | 229 | ~ | ~ | 0.255 | ~ | ~ | ~ | INTERNAL | ~ |
| ANB5612EXT | 200-230/60/3 | 36 | 229 | ~ | ~ | 0.255 | ~ | ~ | ~ | INTERNAL | ~ |
| ANC5612EXT | 200-230/60/3 | 36 | 229 | ~ | ~ | 0.255 | ~ | ~ | ~ | INTERNAL | ~ |
| AND5612EXT | 200-230/60/3 | 36 | 229 | ~ | ~ | 0.255 | ~ | ~ | ~ | INTERNAL | ~ |
| ANA5614EXG | 460/60/3 | 20.8 | 135 | ~ | ~ | 0.839 | ~ | ~ | ~ | INTERNAL | ~ |

| Model | Volts/Hz/Ph | RLA | LRA | Winding Resistance | | | Start Cap P/N | Run Cap P/N | Relay | Overload | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Start | Run | Line to Line | or MFD/Volt | or MFD/Volt | | | |
| ANB5614EXG | 460/60/3 | 20.8 | 135 | ~ | ~ | 0.839 | ~ | ~ | ~ | INTERNAL | ~ |
| ANC5614EXG | 460/60/3 | 20.8 | 135 | ~ | ~ | 0.839 | ~ | ~ | ~ | INTERNAL | ~ |
| AND5614EXG | 460/60/3 | 20.8 | 135 | ~ | ~ | 0.839 | ~ | ~ | ~ | INTERNAL | ~ |
| ANA5614EXH | 575/60/3 | 15.8 | 99 | ~ | ~ | 1.31 | ~ | ~ | ~ | INTERNAL | ~ |
| ANB5614EXH | 575/60/3 | 15.8 | 99 | ~ | ~ | 1.31 | ~ | ~ | ~ | INTERNAL | ~ |
| ANC5614EXH | 575/60/3 | 15.8 | 99 | ~ | ~ | 1.31 | ~ | ~ | ~ | INTERNAL | ~ |
| AND5614EXH | 575/60/3 | 15.8 | 99 | ~ | ~ | 1.31 | ~ | ~ | ~ | INTERNAL | ~ |
| ANA5614EXT | 200-230/60/3 | 42 | 269 | ~ | ~ | 0.22 | ~ | ~ | ~ | INTERNAL | ~ |
| ANB5614EXT | 200-230/60/3 | 42 | 269 | ~ | ~ | 0.22 | ~ | ~ | ~ | INTERNAL | ~ |
| ANC5614EXT | 200-230/60/3 | 42 | 269 | ~ | ~ | 0.22 | ~ | ~ | ~ | INTERNAL | ~ |
| AND5614EXT | 200-230/60/3 | 42 | 269 | ~ | ~ | 0.22 | ~ | ~ | ~ | INTERNAL | ~ |
| AVA2490ZXG | 460/60/3 | 3.6 | 38.3 | ~ | ~ | 3.432 | ~ | ~ | ~ | INTERNAL | ~ |
| AVA2490ZXN | 208-230/60/1 | 11.4 | 106.6 | 1.84 | 0.47 | ~ | 85PS330D17 | 85PR440E65 | K71-20 | INTERNAL | ~ |
| AVA2490ZXT | 200-230/60/3 | 7.4 | 65.1 | ~ | ~ | 1.58 | ~ | ~ | ~ | INTERNAL | ~ |
| AVA2512ZXG | 460/60/3 | 4.6 | 38.3 | ~ | ~ | 3.432 | ~ | ~ | ~ | INTERNAL | ~ |
| AVA2512ZXN | 208-230/60/1 | 16.9 | 120.3 | 1.67 | 0.419 | ~ | 85PS330D18 | 85PR440E65 | K71-20 | INTERNAL | ~ |
| AVA2512ZXT | 200-230/60/3 | 9.3 | 65.1 | ~ | ~ | 1.58 | ~ | ~ | ~ | INTERNAL | ~ |
| AVA4542EXN | 208-230/60/1 | 19.7 | 108 | 2.2 | 0.641 | ~ | 85PS330D16 | 85PR440F28 | K71-20 | INTERNAL | Non self equalizing application |
| AVA5532EXG | 460/60/3 | 4.35 | 32.8 | ~ | ~ | 6.2 | ~ | ~ | ~ | INTERNAL | ~ |
| AVA5532EXN | 208-230/60/1 | 14.5 | 78 | 2.83 | 0.775 | ~ | 85PS330D16 | 85PR370F17 | K71-20 | INTERNAL | Non self equalizing application |
| AVC5532EXN | 208-230/60/1 | 13.4 | 78.8 | 1.367 | 0.697 | ~ | 85PS330C23 | 85PR370F21 | K71-19 | INTERNAL | ~ |
| AVA5532EXT | 200-230/60/3 | 8.9 | 59.5 | ~ | ~ | 1.58 | ~ | ~ | ~ | INTERNAL | ~ |
| AVA5532EXV | 265/60/1 | 12.2 | 73.8 | 2.98 | 0.96 | ~ | 85PS330C23 | 85PR440F18 | K71-19 | INTERNAL | ~ |
| AVB5533EXH | 575/60/3 | 3.5 | 26 | ~ | ~ | 10.2 | ~ | ~ | ~ | INTERNAL | ~ |

| Model | Volts/Hz/Ph | RLA | LRA | Winding Resistance | | | Start Cap P/N | Run Cap P/N | Relay | Overload | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Start | Run | Line to Line | or MFD/Volt | or MFD/Volt | | | |
| AVB5533EXN | 208-230/60/1 | 13.5 | 78.8 | 1.367 | 0.697 | ~ | 85PS330C23 | 85PR370F21 | K71-19 | INTERNAL | ~ |
| AVD5533EXN | 208-230/60/1 | 13.2 | 76 | 1.26 | 0.576 | ~ | 90669-5 | 85PR370F21 | ~ | INTERNAL | Start device specific to this model |
| AVB5533EXT | 200-230/60/3 | 8.9 | 65.1 | ~ | ~ | 1.58 | ~ | ~ | ~ | INTERNAL | ~ |
| AVA5535EXG | 460/60/3 | 4.76 | 32.8 | ~ | ~ | 6.2 | ~ | ~ | ~ | INTERNAL | ~ |
| AVD5535EXG | 460/60/3 | 4.4 | 37.5 | ~ | ~ | 3.432 | ~ | ~ | ~ | INTERNAL | ~ |
| AVB5535EXH | 575/60/3 | 4 | 31 | ~ | ~ | 8.16 | ~ | ~ | ~ | INTERNAL | ~ |
| AVA5535EXN | 208-230/60/1 | 15.8 | 88 | 2.69 | 0.628 | ~ | 85PS330D16 | 85PR370E63 | K71-20 | INTERNAL | Non self equalizing application |
| AVB5535EXN | 208-230/60/1 | 14.2 | 86.7 | 1.46 | 0.629 | ~ | 85PS330C23 | 85PR370F21 | K71-19 | INTERNAL | ~ |
| AVC5535EXN | 208-230/60/1 | 14.9 | 86.7 | 1.46 | 0.629 | ~ | 85PS330C23 | 85PR370F21 | K71-19 | INTERNAL | ~ |
| AVD5535EXN | 208-230/60/1 | 13.8 | 92 | 1.27 | 0.522 | ~ | 90669-5 | 85PR370F21 | ~ | INTERNAL | Start device specific to this model |
| AVA5535EXT | 200-230/60/3 | 9.7 | 65.1 | ~ | ~ | 1.58 | ~ | ~ | ~ | INTERNAL | ~ |
| AVB5535EXT | 200-230/60/3 | 9.2 | 65.1 | ~ | ~ | 1.58 | ~ | ~ | ~ | INTERNAL | ~ |
| AVD5535EXT | 200-230/60/3 | 8.8 | 75 | ~ | ~ | 0.858 | ~ | ~ | ~ | INTERNAL | ~ |
| AVA5538EXG | 460/60/3 | 5.3 | 37.7 | ~ | ~ | 5.18 | ~ | ~ | ~ | INTERNAL | ~ |
| AVB5538EXG | 460/60/3 | 5.3 | 37.7 | ~ | ~ | 5.18 | ~ | ~ | ~ | INTERNAL | ~ |
| AVB5538EXH | 575/60/3 | 4.2 | 31.0 | ~ | ~ | 8.16 | ~ | ~ | ~ | INTERNAL | ~ |
| AVA5538EXN | 208-230/60/1 | 17.2 | 95.0 | 3.35 | ~ | 0.61 | 85PS330D16 | 85PR440F18 | K71-20 | INTERNAL | ~ |
| AVB5538EXN | 208-230/60/1 | 15.4 | 97.6 | 1.666 | 0.558 | ~ | 85PS330D16 | 85PR440E65 | 820ARR3C80 | INTERNAL | Non self equalizing application |
| AVC5538EXN | 208-230/60/1 | 16.5 | 97.6 | 1.666 | 0.558 | ~ | 85PS330D16 | 85PR440E65 | 820ARR3C80 | INTERNAL | Non self equalizing application |
| AVD5538EXN | 208-230/60/1 | 15.1 | 92 | 1.27 | 0.522 | ~ | 90669-5 | 85PR370F21 | ~ | INTERNAL | Start device specific to this model |
| AVA5538EXT | 200-230/60/3 | 10.8 | 73.4 | ~ | ~ | 1.38 | ~ | ~ | ~ | INTERNAL | ~ |
| AVB5538EXT | 200-230/60/3 | 10.3 | 73.4 | ~ | ~ | 1.3 | ~ | ~ | ~ | INTERNAL | ~ |
| AVA5538EXV | 265/60/1 | 14.6 | 86.3 | 3.2 | 0.78 | ~ | 85PS330D12 | 35/500 | K71-20 | INTERNAL | ~ |
| AVD5540EXG | 460/60/3 | 5 | 42 | ~ | ~ | 3.09 | ~ | ~ | ~ | INTERNAL | ~ |

| Model | Volts/Hz/Ph | RLA | LRA | Winding Resistance | | | Start Cap P/N | Run Cap P/N | Relay | Overload | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Start | Run | Line to Line | or MFD/Volt | or MFD/Volt | | | |
| AVD5540EXH | 575/60/3 | 4 | 35 | ~ | ~ | 4.53 | ~ | ~ | ~ | INTERNAL | ~ |
| AVD5540EXN | 208-230/60/1 | 16.16 | 92 | 1.27 | 0.522 | ~ | 90669-5 | 85PR370F21 | ~ | INTERNAL | Start device specific to this model |
| AVD5540EXT | 200-230/60/3 | 10 | 84 | ~ | ~ | 0.772 | ~ | ~ | ~ | INTERNAL | ~ |
| AVA5542EXG | 460/60/3 | 5.96 | 37 | ~ | ~ | 5.18 | ~ | ~ | ~ | INTERNAL | ~ |
| AVB5542EXG | 460/60/3 | 5.65 | 37 | ~ | ~ | 5.18 | ~ | ~ | ~ | INTERNAL | ~ |
| AVB5542EXH | 575/60/3 | 4.6 | 31 | ~ | ~ | 8.16 | ~ | ~ | ~ | INTERNAL | ~ |
| AVA5542EXN | 208-230/60/1 | 19.7 | 108 | 2.2 | 0.641 | ~ | 85PS330D16 | 85PR370E63 | K71-20 | INTERNAL | Non self equalizing application |
| AVB5542EXN | 208-230/60/1 | 17.1 | 107.4 | 1.7 | 0.515 | ~ | 85PS330D16 | 85PR440E65 | 820ARR3C80 | INTERNAL | Non self equalizing application |
| AVC5542EXN | 208-230/60/1 | 18.3 | 107.4 | 1.7 | 0.515 | ~ | 85PS330D16 | 85PR440E65 | 820ARR3C80 | INTERNAL | Non self equalizing application |
| AVD5542EXN | 208-230/60/1 | 16.9 | 110 | 1.31 | 0.446 | ~ | 90669-5 | 50/440 | ~ | INTERNAL | Start device specific to this model |
| AVA5542EXT | 200-230/60/3 | 12 | 74 | ~ | ~ | 1.3 | ~ | ~ | ~ | INTERNAL | ~ |
| AVB5542EXT | 200-230/60/3 | 11.3 | 73.4 | ~ | ~ | 1.3 | ~ | ~ | ~ | INTERNAL | ~ |
| AVA5542EXV | 265/60/1 | 16 | 95.2 | ~ | ~ | ~ | ~ | ~ | ~ | INTERNAL | ~ |
| AVD5545EXG | 460/60/3 | 5.8 | 46 | ~ | ~ | 2.86 | ~ | ~ | ~ | INTERNAL | ~ |
| AVD5545EXH | 575/60/3 | 4.65 | 37 | ~ | ~ | 4.53 | ~ | ~ | ~ | INTERNAL | ~ |
| AVD5545EXN | 208-230/60/1 | 18.24 | 110 | 1.31 | 0.446 | ~ | 90669-5 | 50/370 | ~ | INTERNAL | Start device specific to this model |
| AVD5545EXT | 200-230/60/3 | 11.5 | 90 | ~ | ~ | 0.715 | ~ | ~ | ~ | INTERNAL | ~ |
| AVA5546EXG | 460/60/3 | 6.6 | 46 | ~ | ~ | 4.36 | ~ | ~ | ~ | INTERNAL | ~ |
| AVA5546EXN | 208-230/60/1 | 21.5 | 116 | 2.49 | 0.544 | ~ | 85PS330D16 | 85PR440F28 | K71-20 | INTERNAL | ~ |
| AVC5546EXN | 208-230/60/1 | 20.4 | 110 | 1.76 | 0.461 | ~ | 85PS330D16 | 85PR440E65 | K71-20 | INTERNAL | ~ |
| AVA5546EXT | 200-230/60/3 | 13.28 | 92 | ~ | ~ | 1.09 | ~ | ~ | ~ | INTERNAL | ~ |
| AVA5546EXV | 265/60/1 | 18.25 | 102 | 2.14 | 0.684 | ~ | 85PS330D12 | 40/500 | 82270 | INTERNAL | ~ |
| AVD5548EXG | 460/60/3 | 6.15 | 52.5 | ~ | ~ | 2.38 | ~ | ~ | ~ | INTERNAL | ~ |
| AVD5548EXH | 575/60/3 | 5 | 44 | ~ | ~ | 4.53 | ~ | ~ | ~ | INTERNAL | ~ |

| Model | Volts/Hz/Ph | RLA | LRA | Winding Resistance | | | Start Cap P/N | Run Cap P/N | Relay | Overload | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Start | Run | Line to Line | or MFD/Volt | or MFD/Volt | | | |
| AVD5548EXN | 208-230/60/1 | 19.2 | 110 | 1.31 | 0.446 | ~ | 90669-5 | 55/370 | ~ | INTERNAL | Start device specific to this model |
| AVD5548EXT | 200-230/60/3 | 12.3 | 105 | ~ | ~ | 0.595 | ~ | ~ | ~ | INTERNAL | ~ |
| AVB5549EXG | 460/60/3 | 6.7 | 46 | ~ | ~ | 4.27 | ~ | ~ | ~ | INTERNAL | ~ |
| AVB5549EXH | 575/60/3 | 5.4 | 44 | ~ | ~ | 4.06 | ~ | ~ | ~ | INTERNAL | ~ |
| AVB5549EXN | 208-230/60/1 | 20.5 | 110 | 1.76 | 0.461 | ~ | 85PS330D16 | 85PR440E65 | K71-20 | INTERNAL | ~ |
| AVB5549EXT | 200-230/60/3 | 13.5 | 92 | ~ | ~ | 1.09 | ~ | ~ | ~ | INTERNAL | ~ |
| AVA5555EXG | 460/60/3 | 7.8 | 55 | ~ | ~ | 2.84 | ~ | ~ | ~ | INTERNAL | ~ |
| AVA5555EXT | 200-230/60/3 | 15.7 | 110 | ~ | ~ | 0.709 | ~ | ~ | ~ | INTERNAL | ~ |
| AVB5558EXG | 460/60/3 | 7.8 | 55 | ~ | ~ | 2.836 | ~ | ~ | ~ | INTERNAL | ~ |
| AVD5558EXG | 460/60/3 | 8 | 63 | ~ | ~ | 1.92 | ~ | ~ | ~ | INTERNAL | ~ |
| AVB5558EXH | 575/60/3 | 6.3 | 44 | ~ | ~ | 4.06 | ~ | ~ | ~ | INTERNAL | ~ |
| AVD5558EXH | 575/60/3 | 6.1 | 55.5 | ~ | ~ | 2.99 | ~ | ~ | ~ | INTERNAL | ~ |
| AVB5558EXN | 208-230/60/1 | 24.8 | 141 | 1.67 | 0.379 | ~ | 85PS330D16 | 85PR440E65 | K71-20 | INTERNAL | Non self equalizing application |
| AVD5558EXN | 208-230/60/1 | 24 | 123 | 1.15 | 0.378 | ~ | 90669-5 | 70/370 | ~ | INTERNAL | Start device specific to this model |
| AVB5558EXT | 200-230/60/3 | 15.7 | 110 | ~ | ~ | 0.709 | ~ | ~ | ~ | INTERNAL | ~ |
| AVD5558EXT | 200-230/60/3 | 15.9 | 128 | ~ | ~ | 0.502 | ~ | ~ | ~ | INTERNAL | ~ |
| AVA7524ZXG | 460/60/3 | 5.1 | 38.3 | ~ | ~ | 3.43 | ~ | ~ | ~ | INTERNAL | ~ |
| AVA7524ZXN | 208-230/60/1 | 16.7 | 106.6 | 1.84 | 0.47 | ~ | 85PS330D16 | 85PR440E65 | K71-20 | INTERNAL | Non self equalizing application |
| AVA7524ZXT | 200-230/60/3 | 10.9 | 65.1 | ~ | ~ | 1.58 | ~ | ~ | ~ | INTERNAL | ~ |
| AVA7528ZXG | 460/60/3 | 6.2 | 38.3 | ~ | ~ | 3.43 | ~ | ~ | ~ | INTERNAL | ~ |
| AVA7528ZXN | 208-230/60/1 | 22.2 | 120.3 | 1.67 | 0.42 | ~ | 85PS330D18 | 85PR440E65 | 820ARR3K72 | INTERNAL | ~ |
| AVA7528ZXT | 200-230/60/3 | 12.2 | 75 | ~ | ~ | 0.858 | ~ | ~ | ~ | INTERNAL | ~ |
| AVA9519ZXG | 460/60/3 | 4.6 | 37.7 | ~ | ~ | 5.18 | ~ | ~ | ~ | INTERNAL | ~ |
| AVA9519ZXN | 208-230/60/1 | 14.5 | 95 | 3.35 | 0.61 | ~ | 85PS330C23 | 85PR440F18 | K71-20 | INTERNAL | ~ |

| Model | Volts/Hz/Ph | RLA | LRA | Winding Resistance | | | Start Cap P/N | Run Cap P/N | Relay | Overload | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Start | Run | Line to Line | or MFD/Volt | or MFD/Volt | | | |
| AVA9522ZXG | 460/60/3 | 5.1 | 37 | ~ | ~ | 5.18 | ~ | ~ | ~ | INTERNAL | ~ |
| AVA9522ZXN | 208-230/60/1 | 17 | 108 | 2.2 | 0.64 | ~ | 85PS330D17 | 85PR440E65 | K71-20 | INTERNAL | ~ |
| AVA9522ZXT | 200-230/60/3 | 10.3 | 74 | ~ | ~ | 1.3 | ~ | ~ | ~ | INTERNAL | ~ |
| AVA9528ZXG | 460/60/3 | 6.6 | 55 | ~ | ~ | 2.84 | ~ | ~ | ~ | INTERNAL | ~ |
| AVA9528ZXN | 208-230/60/1 | 20 | 132 | 1.25 | 0.338 | ~ | 85PS330D17 | 85PR440F90 | 820ARR3K17 | INTERNAL | ~ |
| AVA9528ZXT | 200-230/60/3 | 13.3 | 110 | ~ | ~ | 0.71 | ~ | ~ | ~ | INTERNAL | ~ |
| AWA2440ZXD | 208-230/60/1 | 5.13 | 73 | 2.1 | 0.88 | ~ | 85PS330D17 | 85PR370F17 | K71-19 | INTERNAL | ~ |
| AWA2440ZXG | 460/60/3 | 1.8 | 20.3 | ~ | ~ | 8.72 | ~ | ~ | ~ | INTERNAL | ~ |
| AWA2440ZXT | 200-230/60/3 | 3.8 | 40.5 | ~ | ~ | 2.26 | ~ | ~ | ~ | INTERNAL | ~ |
| AWA2450ZXD | 208-230/60/1 | 5.9 | 56 | 3.25 | 1.1 | ~ | 85PS330D16 | 85PR370F23 | K71-16 | INTERNAL | ~ |
| AWA2450ZXT | 200-230/60/3 | 4.2 | 40.5 | ~ | ~ | 2.26 | ~ | ~ | ~ | INTERNAL | ~ |
| AWA2460ZXD | 208-230/60/1 | 8.2 | 86 | 2.22 | 0.65 | ~ | 85PS330D17 | 85PR370F21 | K71-19 | INTERNAL | ~ |
| AWA2460ZXG | 460/60/3 | 2.9 | 36 | ~ | ~ | 5.1 | ~ | ~ | ~ | INTERNAL | ~ |
| AWA2460ZXT | 200-230/60/3 | 5.6 | 63.4 | ~ | ~ | 1.28 | ~ | ~ | ~ | INTERNAL | ~ |
| AWA2480ZXN | 208-230/60/1 | 8.4 | 73.1 | 2.38 | 0.82 | ~ | 85PS330D18 | 85PR440F28 | K71-19 | INTERNAL | ~ |
| AWG4515EXG | 460/60/3 | 2.4 | 25 | ~ | ~ | 6.52 | ~ | ~ | ~ | INTERNAL | ~ |
| AWG4520EXG | 460/60/3 | 2.9 | 25 | ~ | ~ | 6.52 | ~ | ~ | ~ | INTERNAL | ~ |
| AWG4520EXN | 208-230/60/1 | 9.3 | 52 | 2.72 | 1.32 | ~ | 85PS330D17 | 85PR370F20 | K71-16 | INTERNAL | ~ |
| AWG4524EXG | 460/60/3 | 3.4 | 25 | ~ | ~ | 6.52 | ~ | ~ | ~ | INTERNAL | ~ |
| AWG4524EXN | 208-230/60/1 | 11 | 60 | 2.53 | 1.09 | ~ | 85PS330C23 | 85PR370F17 | K71-19 | INTERNAL | ~ |
| AWG4530EXG | 460/60/3 | 4.2 | 36 | ~ | ~ | 5.1 | ~ | ~ | ~ | INTERNAL | ~ |
| AWG4530EXN | 208-230/60/1 | 14.4 | 90 | 2.09 | 0.73 | ~ | 85PS330D17 | 85PR370F21 | K71-19 | INTERNAL | ~ |
| AWH5513EXN | 208-230/60/1 | 6.1 | 43 | 4.73 | 1.45 | ~ | 85PS330D17 | 85PR370E35 | 82765 | INTERNAL | ~ |
| AWA5515EXD | 208-230/60/1 | 7.18 | 43 | 4.73 | 1.45 | ~ | 85PS330D17 | 85PR370E35 | K71-19 | INTERNAL | ~ |

| Model | Volts/Hz/Ph | RLA | LRA | Winding Resistance | | | Start Cap P/N | Run Cap P/N | Relay | Overload | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Start | Run | Line to Line | or MFD/Volt | or MFD/Volt | | | |
| AWC5515EXD | 208-230/60/1 | 6.4 | 49 | ~ | ~ | ~ | 85PS330D17 | 85PR370F17 | 820ARR3C64 | INTERNAL | ~ |
| AWG5515EXN | 208-230/60/1 | 6.9 | 43 | 4.73 | 1.45 | ~ | 85PS330D17 | 85PR370E35 | 820ARR3J44 | INTERNAL | ~ |
| AWJ5515EXN | 208-230/60/1 | 6.9 | 43 | 4.73 | 1.45 | ~ | 85PS330D17 | 85PR370E35 | 82765 | INTERNAL | ~ |
| AWG5515EXT | 200-230/60/3 | 4.7 | 51 | ~ | ~ | 1.63 | ~ | ~ | ~ | INTERNAL | ~ |
| AWA5515EXV | 265/60/1 | 6.1 | 39.5 | ~ | ~ | ~ | 85PS330C23 | 85PR440F22 | K71-19 | INTERNAL | ~ |
| AWC5515EXV | 265/60/1 | 5.6 | 41 | ~ | ~ | ~ | 85PS330D12 | 85PR440F22 | K71-19 | INTERNAL | ~ |
| AWG5515EVA | 265/60/1 | 6.2 | 39 | 6.49 | 1.78 | ~ | 85PS330D65 | 85PR370E35 | K71-19 | INTERNAL | ~ |
| AWJ5515EVA | 265/60/1 | 6.2 | 39 | 6.49 | 1.78 | ~ | 85PS330D65 | 85PR370E35 | K71-19 | INTERNAL | ~ |
| AWD5516EXD | 208-230/60/1 | 6.5 | 48.3 | ~ | ~ | ~ | 85PS330C23 | 85PR370F17 | K71-19 | INTERNAL | ~ |
| AWF5516EXN | 208-230/60/1 | 6.6 | 48.3 | 2.53 | 1.21 | ~ | 85PS330C23 | 85PR370F17 | K71-19 | INTERNAL | ~ |
| AWH5516EXN | 208-230/60/1 | 7 | 43 | 4.73 | 1.45 | ~ | 85PS330C23 | 85PR370F17 | K71-19 | INTERNAL | ~ |
| AWZ5516EXN | 208-230/60/1 | 7 | 43 | ~ | ~ | 12.3 | 85PS330D17 | 85PR370E35 | K71-17 | INTERNAL | ~ |
| AWF5516EVA | 265/60/1 | 5.8 | 41 | 2.81 | 1.79 | ~ | 85PS330D12 | 85PR440F22 | 82477 | INTERNAL | ~ |
| AWA5517EXD | 208-230/60/1 | 7.6 | 43 | ~ | ~ | ~ | 85PS330D65 | 85PR370F20 | K71-19 | INTERNAL | ~ |
| AWB5517EXD | 208-230/60/1 | 7.2 | 49 | ~ | ~ | ~ | 85PS330D65 | 85PR370F20 | K71-19 | INTERNAL | ~ |
| AWC5517EXD | 208-230/60/1 | 6.8 | 49 | ~ | ~ | ~ | 85PS330D17 | 85PR370F17 | 820ARR3C64 | INTERNAL | ~ |
| AWD5517EXD | 208-230/60/1 | 7.1 | 48.3 | ~ | ~ | ~ | 85PS330C23 | 85PR370F17 | K71-19 | INTERNAL | ~ |
| AWF5517EXN | 208-230/60/1 | 6.7 | 48.3 | 2.53 | 1.21 | ~ | 85PS330C23 | 85PR370F17 | K71-19 | INTERNAL | ~ |
| AWG5517EXN | 208-230/60/1 | 7.6 | 43 | 3.95 | 1.56 | ~ | 85PS330D65 | 85PR370F20 | K71-19 | INTERNAL | ~ |
| AWJ5517EXN | 208-230/60/1 | 7.6 | 43 | 3.95 | 1.56 | ~ | 85PS330D65 | 85PR370F20 | K71-19 | INTERNAL | ~ |
| AWA5517EXV | 265/60/1 | 6.6 | 45 | ~ | ~ | ~ | 85PS330C23 | 85PR440F22 | K71-19 | INTERNAL | ~ |
| AWB5517EXV | 265/60/1 | 6.4 | 46.5 | ~ | ~ | ~ | 85PS330C23 | 85PR440F22 | 820ARR3C64 | INTERNAL | ~ |
| AWC5517EXV | 265/60/1 | 6 | 41 | ~ | ~ | ~ | 85PS330D12 | 85PR440F22 | K71-19 | INTERNAL | ~ |
| AWG5517EVA | 265/60/1 | 6.8 | 45 | 5.28 | 1.69 | ~ | 85PS330C23 | 85PR440F22 | 820ARR3G60 | INTERNAL | ~ |

| Model | Volts/Hz/Ph | RLA | LRA | Winding Resistance | | | Start Cap P/N | Run Cap P/N | Relay | Overload | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Start | Run | Line to Line | or MFD/Volt | or MFD/Volt | | | |
| AWF5518EXN | 208-230/60/1 | 7.1 | 48.3 | 2.53 | 1.21 | ~ | 85PS330C23 | 85PR370F17 | K71-19 | INTERNAL | ~ |
| AWF5518EVA | 265/60/1 | 6.7 | 47 | 3.01 | 1.53 | ~ | 85PS330C23 | 85PR440F18 | 82464 | INTERNAL | ~ |
| AWA5519EXD | 208-230/60/1 | 8.4 | 52 | ~ | ~ | ~ | 85PS330D17 | 85PR370F20 | K71-19 | INTERNAL | ~ |
| AWB5519EXD | 208-230/60/1 | 8.1 | 49 | ~ | ~ | ~ | 85PS330D65 | 85PR370F20 | K71-19 | INTERNAL | ~ |
| AWC5519EXD | 208-230/60/1 | 8 | 49 | ~ | ~ | ~ | 85PS330D17 | 85PR370F17 | 820ARR3C64 | INTERNAL | ~ |
| AWF5519EXN | 208-230/60/1 | 7.7 | 48.3 | 2.53 | 1.21 | ~ | 85PS330C23 | 85PR370F17 | K71-19 | INTERNAL | ~ |
| AWG5519EXN | 208-230/60/1 | 8.6 | 52 | 2.72 | 1.32 | ~ | 85PS330D17 | 85PR370F20 | K71-16 | INTERNAL | ~ |
| AWA5519EXV | 265/60/1 | 4.3 | 45 | ~ | ~ | ~ | 85PS330C23 | 85PR440F22 | K71-19 | INTERNAL | ~ |
| AWB5519EXV | 265/60/1 | 7.1 | 46.5 | ~ | ~ | ~ | 85PS330C23 | 85PR440F22 | 820ARR3C64 | INTERNAL | ~ |
| AWC5519EXV | 265/60/1 | 7.1 | 47 | ~ | ~ | ~ | 85PS330D12 | 85PR440F18 | K71-19 | INTERNAL | ~ |
| AWF5519EVA | 265/60/1 | 7 | 47 | 3.01 | 1.53 | ~ | 85PS330D12 | 85PR440F18 | K71-19 | INTERNAL | ~ |
| AWG5519EVA | 265/60/1 | 7.7 | 45 | 5.28 | 1.69 | ~ | 85PS330C23 | 85PR440F22 | 820ARR3G60 | INTERNAL | ~ |
| AWG5520EXG | 460/60/3 | 2.9 | 25 | ~ | ~ | 6.52 | ~ | ~ | ~ | INTERNAL | ~ |
| AWF5520EXN | 208-230/60/1 | 8.3 | 48.3 | 2.53 | 1.21 | ~ | 85PS330C23 | 85PR370F17 | K71-19 | INTERNAL | ~ |
| AWG5520EXN | 208-230/60/1 | 9.3 | 52 | 2.72 | 1.32 | ~ | 85PS330D17 | 85PR370F20 | K71-16 | INTERNAL | ~ |
| AWJ5520EXN | 208-230/60/1 | 9.7 | 52 | 2.72 | 1.32 | ~ | 85PS330D17 | 85PR370F20 | K71-16 | INTERNAL | ~ |
| AWZ5520EXN | 208-230/60/1 | 9.7 | 52 | ~ | ~ | 15.4 | 85PS330D15 | 85PR370F17 | K71-21 | INTERNAL | ~ |
| AWG5520EXT | 200-230/60/3 | 5.8 | 51 | ~ | ~ | 1.63 | ~ | ~ | ~ | INTERNAL | ~ |
| AWG5520EVA | 265/60/1 | 8.2 | 51 | 4.68 | 1.43 | ~ | 85PS330C23 | 85PR440F22 | 820ARR3G60 | INTERNAL | ~ |
| AWF5522EXG | 460/60/3 | 2.9 | 25 | ~ | ~ | 6.52 | ~ | ~ | ~ | INTERNAL | ~ |
| AWF5522EXN | 208-230/60/1 | 9 | 60 | 2.48 | 0.98 | ~ | 85PS330D17 | 85PR370F17 | K71-21 | INTERNAL | ~ |
| AWG5522EXN | 208-230/60/1 | 10.1 | 60 | 2.89 | 1.09 | ~ | 85PS330C23 | 85PR370F20 | K71-19 | INTERNAL | ~ |
| AWH5522EXN | 208-230/60/1 | 10 | 60 | 2.89 | 1.09 | ~ | 85PS330C23 | 85PR370F20 | K71-19 | INTERNAL | ~ |
| AWZ5522EXN | 208-230/60/1 | 10 | 60 | ~ | ~ | 16.4 | 85PS330C23 | 85PR370F20 | K71-19 | INTERNAL | ~ |

| Model | Volts/Hz/Ph | RLA | LRA | Winding Resistance | | | Start Cap P/N | Run Cap P/N | Relay | Overload | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Start | Run | Line to Line | or MFD/Volt | or MFD/Volt | | | |
| AWF5522EXT | 200-230/60/3 | 5.6 | 50 | ~ | ~ | 1.63 | ~ | ~ | ~ | INTERNAL | ~ |
| AWF5522EVA | 265/60/1 | 7.8 | 58 | 2.91 | 1.23 | ~ | 85PS330C23 | 85PR440F18 | 820ARR3H16 | INTERNAL | ~ |
| AWG5522EVA | 265/60/1 | 8.6 | 51 | 4.68 | 1.43 | ~ | 85PS330C23 | 85PR440F22 | 820ARR3G60 | INTERNAL | ~ |
| AWJ5522EVA | 265/60/1 | 8.8 | 51 | 4.68 | 1.43 | ~ | 85PS330C23 | 85PR440F22 | 820ARR3G60 | INTERNAL | ~ |
| AWF5524EXG | 460/60/3 | 3.3 | 25 | ~ | ~ | 6.52 | ~ | ~ | ~ | INTERNAL | ~ |
| AWG5524EXG | 460/60/3 | 3.4 | 25 | ~ | ~ | 6.52 | ~ | ~ | ~ | INTERNAL | ~ |
| AWC5524EXD | 208-230/60/1 | 9.8 | 60.7 | 2.41 | 0.98 | ~ | 85PS330D17 | ~ | K71-21 | INTERNAL | ~ |
| AWF5524EXN | 208-230/60/1 | 9.95 | 60 | 2.44 | 0.974 | ~ | 85PS330D17 | 85PR370F17 | 820ARR3C44 | INTERNAL | ~ |
| AWG5524EXN | 208-230/60/1 | 11 | 60 | 2.53 | 1.09 | ~ | 85PS330C23 | 85PR370F17 | K71-19 | INTERNAL | ~ |
| AWJ5524EXN | 208-230/60/1 | 11 | 60 | 2.53 | 1.09 | ~ | 85PS330C23 | 85PR370F17 | K71-19 | INTERNAL | ~ |
| AWZ5524EXN | 208-230/60/1 | 11 | 60 | ~ | ~ | 19.1 | 85PS330C23 | 85PR370F17 | K71-19 | INTERNAL | ~ |
| AWF5524EXT | 200-230/60/3 | 6.5 | 50 | ~ | ~ | 1.63 | ~ | ~ | ~ | INTERNAL | ~ |
| AWG5524EXT | 200-230/60/3 | 6.7 | 50 | ~ | ~ | 1.63 | ~ | ~ | ~ | INTERNAL | ~ |
| AWF5524EVA | 265/60/1 | 7.8 | 58 | 2.91 | 1.23 | ~ | 85PS330C23 | 85PR440F18 | 820ARR3H16 | INTERNAL | ~ |
| AWG5524EVA | 265/60/1 | 9.2 | 54 | 2.98 | 1.42 | ~ | 85PS330C23 | 85PR440F18 | 820ARR3G70 | INTERNAL | ~ |
| AWJ5524EVA | 265/60/1 | 9.5 | 54 | 2.98 | 1.42 | ~ | 85PS330C23 | 85PR440F18 | 820ARR3G70 | INTERNAL | ~ |
| AWF5526EXN | 208-230/60/1 | 10.9 | 69.4 | 1.642 | 0.83 | ~ | 85PS330D17 | 85PR370F21 | K71-19 | INTERNAL | ~ |
| AWF5528EXG | 460/60/3 | 3.3 | 36 | ~ | ~ | 5.1 | ~ | ~ | ~ | INTERNAL | ~ |
| AWF5528EXN | 208-230/60/1 | 11.42 | 69.4 | 1.642 | 0.83 | ~ | 85PS330D17 | 85PR370F21 | K71-19 | INTERNAL | ~ |
| AWG5528EXN | 208-230/60/1 | 13 | 73 | 2.1 | 0.88 | ~ | 85PS330C23 | 85PR370F17 | K71-19 | INTERNAL | ~ |
| AWJ5528EXN | 208-230/60/1 | 13 | 73 | 2.1 | 0.88 | ~ | 85PS330C23 | 85PR370F17 | K71-19 | INTERNAL | ~ |
| AWZ5528EXN | 208-230/60/1 | 13 | 73 | ~ | ~ | 22 | 85PS330C23 | 85PR370F17 | K71-19 | INTERNAL | ~ |
| AWF5528EXT | 200-230/60/3 | 7.6 | 63.4 | ~ | ~ | 1.28 | ~ | ~ | ~ | INTERNAL | ~ |
| AWF5528EVA | 265/60/1 | 10.5 | 65 | 3.23 | 1.01 | ~ | 85PS330C23 | 85PR440F18 | K71-21 | INTERNAL | ~ |

| Model | Volts/Hz/Ph | RLA | LRA | Winding Resistance | | | Start Cap P/N | Run Cap P/N | Relay | Overload | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Start | Run | Line to Line | or MFD/Volt | or MFD/Volt | | | |
| AWG5528EVA | 265/60/1 | 10.9 | 65 | 2.55 | 1.15 | ~ | 85PS330C23 | 85PR440F18 | K71-21 | INTERNAL | ~ |
| AWJ5528EVA | 265/60/1 | 10.9 | 65 | 2.55 | 1.15 | ~ | 85PS330C23 | 85PR440F18 | K71-21 | INTERNAL | ~ |
| AWF5530EXG | 460/60/3 | 4.1 | 36 | ~ | ~ | 5.1 | ~ | ~ | ~ | INTERNAL | ~ |
| AWF5530EXN | 208-230/60/1 | 12.5 | 84 | 1.62 | 0.67 | ~ | 85PS330D17 | 85PR370F21 | K71-19 | INTERNAL | ~ |
| AWG5530EXN | 208-230/60/1 | 14.4 | 90 | 2.09 | 0.73 | ~ | 85PS330D17 | 85PR370F21 | K71-19 | INTERNAL | ~ |
| AWZ5530EXN | 208-230/60/1 | 13.2 | 85 | ~ | ~ | 22 | 85PS330D17 | 85PR370F21 | K71-19 | INTERNAL | ~ |
| AWF5530EXT | 200-230/60/3 | 8.2 | 63.4 | ~ | ~ | 1.28 | ~ | ~ | ~ | INTERNAL | ~ |
| AWG5530EXT | 200-230/60/3 | 8.4 | 63.4 | ~ | ~ | 1.28 | ~ | ~ | ~ | INTERNAL | ~ |
| AWF5530EVA | 265/60/1 | 12 | 83 | 2.54 | 0.82 | ~ | 85PS330C23 | 85PR440E65 | 820ARR3G70 | INTERNAL | ~ |
| AWG5530EVA | 265/60/1 | 11.7 | 83 | 2.54 | 0.82 | ~ | 85PS330C23 | 85PR440E65 | 820ARR3G70 | INTERNAL | ~ |
| AWF5532EXG | 460/60/3 | 4.3 | 36 | ~ | ~ | 5.1 | ~ | ~ | ~ | INTERNAL | ~ |
| AWF5532EXN | 208-230/60/1 | 13.4 | 84 | 1.62 | 0.67 | ~ | 85PS330D17 | 85PR370F21 | K71-19 | INTERNAL | ~ |
| AWG5532EXN | 208-230/60/1 | 15.1 | 90 | 2.09 | 0.73 | ~ | 85PS330D17 | 85PR370F21 | K71-19 | INTERNAL | ~ |
| AWJ5532EXN | 208-230/60/1 | 15.6 | 90 | 2.09 | 0.73 | ~ | 85PS330D17 | 85PR370F21 | K71-19 | INTERNAL | ~ |
| AWZ5532EXN | 208-230/60/1 | 14.5 | 90 | ~ | ~ | 23 | 85PS330D17 | 85PR370F21 | K71-21 | INTERNAL | ~ |
| AWF5532EXT | 200-230/60/3 | 8.6 | 63.4 | ~ | ~ | 1.28 | ~ | ~ | ~ | INTERNAL | ~ |
| AWG5532EXT | 200-230/60/3 | 9 | 63.4 | ~ | ~ | 1.28 | ~ | ~ | ~ | INTERNAL | ~ |
| AWF5532EVA | 265/60/1 | 12 | 83 | 2.54 | 0.82 | ~ | 85PS330C23 | 85PR440E65 | 820ARR3G70 | INTERNAL | ~ |
| AWG5532EVA | 265/60/1 | 12.5 | 83 | 2.54 | 0.82 | ~ | 85PS330C23 | 85PR440E65 | 820ARR3G70 | INTERNAL | ~ |
| AWJ5532EVA | 265/60/1 | 12.8 | 83 | 2.54 | 0.82 | ~ | 85PS330C23 | 85PR440E65 | 820ARR3G70 | INTERNAL | ~ |
| AWF5533EXN | 208-230/60/1 | 13.8 | 84 | 1.62 | 0.67 | ~ | 85PS330D17 | 85PR370F21 | K71-19 | INTERNAL | ~ |
| AWF5533EVA | 265/60/1 | 13.2 | 83 | 2.54 | 0.82 | ~ | 85PS330C23 | 85PR440E65 | 820ARR3G70 | INTERNAL | ~ |
| AWZ5535EXN | 208-230/60/1 | 15.4 | 96 | ~ | ~ | 26.4 | 85PS330D17 | 85PR370F21 | K71-21 | INTERNAL | ~ |
| AWZ5538EXN | 208-230/60/1 | 18.3 | 110 | ~ | ~ | 29.5 | 85PS330D17 | 85PR370F21 | K71-21 | INTERNAL | ~ |

| Model | Volts/Hz/Ph | RLA | LRA | Winding Resistance | | | Start Cap P/N | Run Cap P/N | Relay | Overload | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Start | Run | Line to Line | or MFD/Volt | or MFD/Volt | | | |
| AWZ5542EXN | 208-230/60/1 | 18.5 | 100 | ~ | ~ | 28 | 85PS330D17 | 85PR440E65 | K71-21 | INTERNAL | ~ |
| AWA7490ZXD | 208-230/60/1 | 7.4 | 52 | 2.72 | 1.32 | ~ | 85PS330D16 | 85PR370F20 | K71-16 | INTERNAL | ~ |
| AWA7512ZXD | 208-230/60/1 | 9.55 | 73 | 2.1 | 0.88 | ~ | 85PS330D16 | 85PR370F17 | K71-19 | INTERNAL | ~ |
| AWA7512ZXT | 200-230/60/3 | 8.04 | 63.4 | ~ | ~ | 1.28 | ~ | ~ | ~ | INTERNAL | ~ |
| AWA7515ZXD | 208-230/60/1 | 12.5 | 96.8 | 3.25 | 0.59 | ~ | 85PS330D14 | 85PR370F17 | K71-20 | INTERNAL | ~ |
| AWA7515ZXT | 200-230/60/3 | 7.7 | 63.4 | ~ | ~ | 1.28 | ~ | ~ | ~ | INTERNAL | ~ |
| AWA9480ZXN | 208-230/60/1 | 6.5 | 52 | 2.72 | 1.32 | ~ | 85PS330D16 | 85PR370F20 | K71-16 | INTERNAL | ~ |
| AWA9490ZXG | 460/60/3 | 2.4 | 25 | ~ | ~ | 6.52 | ~ | ~ | ~ | INTERNAL | ~ |
| AWA9490ZXN | 208-230/60/1 | 7.5 | 52 | 2.72 | 1.32 | ~ | 85PS330D17 | 85PR370F17 | 820ARR3A03 | INTERNAL | ~ |
| AWA9490ZXT | 200-230/60/3 | 4.7 | 51 | ~ | ~ | 1.63 | ~ | ~ | ~ | INTERNAL | ~ |
| AWA9512ZXG | 460/60/3 | 2.8 | 20.3 | ~ | ~ | 8.72 | ~ | ~ | ~ | INTERNAL | ~ |
| AWA9512ZXN | 208-230/60/1 | 8.9 | 60 | 2.53 | 1.09 | ~ | 85PS330D16 | 85PR370F17 | K71-19 | INTERNAL | ~ |
| AWA9512ZXT | 200-230/60/3 | 5.5 | 50 | ~ | ~ | 1.63 | ~ | ~ | ~ | INTERNAL | ~ |
| AWA9513ZXD | 208-230/60/1 | 10.6 | 73 | 2.1 | 0.88 | ~ | 85PS330D17 | 85PR370F17 | K71-19 | INTERNAL | ~ |
| AWA9514ZXG | 460/60/3 | 3.6 | 36 | ~ | ~ | 5.1 | ~ | ~ | ~ | INTERNAL | ~ |
| AWA9514ZXN | 208-230/60/1 | 12 | 90 | 2.09 | 0.73 | ~ | 85PS330D17 | 85PR370F21 | K71-19 | INTERNAL | ~ |
| AWA9514ZXT | 200-230/60/3 | 7.3 | 63.4 | ~ | ~ | 1.28 | ~ | ~ | ~ | INTERNAL | ~ |
| AWA9518ZXN | 208-230/60/1 | 13.1 | 84 | 1.62 | 0.64 | ~ | 85PS330D18 | 85PR370F21 | K71-19 | INTERNAL | ~ |
| AZA0335YXA | 115/60/1 | 1.18 | 10.2 | 15.28 | 7.99 | ~ | ~ | ~ | 820RR12K80 | 8300MRPH38 | Condenser Fan Required |
| AZA0345AXA | 115/60/1 | 1.1 | 10.2 | 15.28 | 7.99 | ~ | ~ | ~ | ~ | ~ | Static Condenser |
| AZA0349YXA | 115/60/1 | 1.6 | 13.6 | 14.5 | 4.46 | ~ | ~ | ~ | 820RR12C20 | 8300MRPH91 | Condenser Fan Required |
| AZA0360AXA | 115/60/1 | 1.6 | 13.6 | 14.49 | 4.44 | ~ | ~ | ~ | ~ | ~ | Condenser Fan Required |
| AZA0370YXA | 115/60/1 | 2.2 | 18.5 | 12.84 | 3.08 | ~ | ~ | ~ | K71-07 | K90-04 | Condenser Fan Required |
| AZA0374AXA | 115/60/1 | 1.9 | 16.3 | 13.64 | 3.69 | ~ | ~ | ~ | ~ | ~ | Condenser Fan Required |

| Model | Volts/Hz/Ph | RLA | LRA | Winding Resistance | | | Start Cap P/N | Run Cap P/N | Relay | Overload | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Start | Run | Line to Line | or MFD/Volt | or MFD/Volt | | | |
| AZA0387AXA | 115/60/1 | 2.13 | 18.5 | 12.81 | 3.06 | ~ | ~ | ~ | ~ | ~ | Condenser Fan Required |
| AZA0395YXA | 115/60/1 | 2.9 | 28 | 9.75 | 2.31 | ~ | 85PS165C96 | ~ | K71-08 | K90-06 | Condenser Fan Required |
| AZA0411AXA | 115/60/1 | 2.9 | 25.3 | 9.73 | 2.29 | ~ | ~ | ~ | ~ | ~ | Condenser Fan Required |
| AZA1316YXA | 115/60/1 | 0.82 | 8.4 | 23.2 | 10.18 | ~ | ~ | ~ | 82402 | 8300MRPG04 | Static Condenser |
| AZB1320AXA | 115/60/1 | 0.82 | 8.4 | 25.3 | 9.91 | ~ | ~ | ~ | ~ | ~ | Static Condenser |
| AZA1326YXA | 115/60/1 | 1 | 10.9 | 15.69 | 7.95 | ~ | ~ | ~ | 82461 | 8300MRPG04 | Static Condenser |
| AZB1328AXA | 115/60/1 | 1.04 | 10.9 | 15.42 | 7.95 | ~ | ~ | ~ | ~ | ~ | Static Condenser |
| AZA1332YXA | 115/60/1 | 1.15 | 13.2 | 14.09 | 5.18 | ~ | ~ | ~ | 82462 | 8300MRPG05 | Static Condenser |
| AZB1335AXA | 115/60/1 | 1.2 | 13.2 | 14.09 | 5.18 | ~ | ~ | ~ | ~ | ~ | Static Condenser |
| AZA1338YXA | 115/60/1 | 1.5 | 15.9 | 12.34 | 3.78 | ~ | ~ | ~ | 82451 | 8300MRPG06 | Static Condenser |
| AZB1340AXA | 115/60/1 | 1.45 | 15.9 | 14.81 | 3.77 | ~ | ~ | ~ | ~ | ~ | Static Condenser |
| AZA1350YXA | 115/60/1 | 1.9 | 18.8 | 2.66 | 9.59 | ~ | ~ | ~ | ~ | ~ | Static Condenser |
| AZB1355AXA | 115/60/1 | 1.86 | 18.8 | 9.59 | 2.66 | ~ | ~ | ~ | ~ | ~ | Static Condenser |
| CL5538E | 208-230/60/1 | 20 | 92.5 | ~ | ~ | ~ | 135-155/330 | 85PR440F18 | K71-20 | 8308347A15 | ~ |
| CL5540E | 230/60/1 | 22 | 92.5 | ~ | ~ | ~ | 135-155/330 | 85PR440F18 | K71-20 | 8308347A15 | ~ |
| CL5544E | 208-230/60/1 | 23 | 115 | ~ | ~ | ~ | 135-155/330 | 85PR440F28 | K71-20 | 8308347A15 | ~ |
| CL5544F | 208-230/60/1 | 23 | 115 | ~ | ~ | ~ | 85PS330D12 | 85PR440F28 | K71-20 | 8308347A15 | ~ |
| CL5550E | 208-230/60/1 | 27 | 140 | ~ | ~ | ~ | 135-155/330 | 85PR440E65 | K71-20 | 83749 | ~ |
| CL5550G | 208-230/60/1 | 27 | 140 | ~ | ~ | ~ | 85PS330D12 | 85PR440E65 | K71-20 | 83749 | ~ |
| CL5562E | 208-230/60/1 | 34 | 147 | ~ | ~ | ~ | 135-155/330 | 85PR440E90 | K71-20 | 83749 | ~ |
| CL5562G | 208-230/60/1 | 36 | 175 | ~ | ~ | ~ | 85PS330D12 | 85PR440E90 | K71-20 | 83749 | ~ |
| HGA0440EXA | 115/60/1 | 4.8 | 36.2 | 3.6 | 1.1 | ~ | 85PS330C23 | 85PR240F37 | K71-19 | 8300MRAN19 | ~ |
| HGA0450EXA | 115/60/1 | 6.2 | 45.6 | 3.8 | 0.74 | ~ | 85PS330C23 | 85PR240F37 | K71-19 | 8300MRAN94 | ~ |
| HGA0470EXA | 115/60/1 | 10.2 | 58.4 | 4 | 0.58 | ~ | 85PS330C23 | 85PR370F17 | K71-19 | K90-27 | ~ |

| Model | Volts/Hz/Ph | RLA | LRA | Winding Resistance | | | Start Cap P/N | Run Cap P/N | Relay | Overload | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Start | Run | Line to Line | or MFD/Volt | or MFD/Volt | | | |
| HGA0470EXD | 208-230/60/1 | 4.1 | 27.9 | 5.9 | 2.3 | ~ | 85PS330C23 | 85PR370E35 | K71-16 | 8300MRAP09 | ~ |
| HGA2425ZXA | 115/60/1 | 6.02 | 46.5 | 2.64 | 0.79 | ~ | 270-324/250 | 85PR240F37 | 820ARR3K50 | 8300MSTT83 | ~ |
| HGA2425ZXD | 208-230/60/1 | 2.9 | 23 | 5.93 | 2.91 | ~ | 85PS330C23 | 85PR370E35 | 820ARR3K63 | 8300MRAU04 | ~ |
| HGA2434ZXA | 115/60/1 | 8.4 | 58.7 | 2.68 | 0.59 | ~ | 270-324/250 | 85PR240F37 | 820ARR3E39 | 8300MRTT20 | ~ |
| HGA5467EXA | 115/60/1 | 5.6 | 36.2 | 3.54 | 1.02 | ~ | 85PS330C23 | 85PR240F37 | K71-19 | 8300MRAN18 | ~ |
| HGA5467EXD | 208-230/60/1 | 2.8 | 17.7 | 6.53 | 4.01 | ~ | 85PS330C23 | 85PR370E36 | K71-16 | 8300MRAN93 | ~ |
| HGA5467EXV | 265/60/1 | 2.4 | 15 | 6.77 | 5.29 | ~ | ~ | 85PR370E36 | ~ | 8300MRAP17 | ~ |
| HGA5480EXA | 115/60/1 | 7 | 45.6 | 3.8 | 0.74 | ~ | 85PS330C23 | 85PR240F37 | K71-19 | K90-24 | ~ |
| HGA5480EXD | 208-230/60/1 | 3.5 | 22.2 | 7.29 | 2.93 | ~ | 85PS330C23 | 85PR370E36 | K71-16 | 8300MRAK04 | ~ |
| HGA5480EXV | 265/60/1 | 2.9 | 18.8 | 10.56 | 4.27 | ~ | ~ | 10/440 | ~ | 8300MRAP15 | ~ |
| HGA5480YXD | 208-230/60/1 | 3.6 | 27.9 | 5.9 | 2.3 | ~ | ~ | 85PR370E35 | ~ | 8300MSTT78 | ~ |
| HGA5492EXA | 115/60/1 | 7.7 | 45.6 | 3.8 | 0.74 | ~ | 85PS330C23 | 85PR240F37 | K71-19 | 8300MRAN99 | ~ |
| HGA5492EXD | 208-230/60/1 | 3.7 | 22.2 | 7.29 | 2.93 | ~ | 85PS330C23 | 85PR370E36 | K71-16 | 8300MRAK04 | ~ |
| HGA5492EXV | 265/60/1 | 3.3 | 18.8 | 10.56 | 4.27 | ~ | ~ | 10/440 | ~ | 8300MRAP15 | ~ |
| HGA5510EXA | 115/60/1 | 9 | 58.4 | 3.735 | 0.7 | ~ | 85PS330C23 | 85PR370F17 | K71-19 | 8300MRAP11 | ~ |
| HGA5512EXA | 115/60/1 | 10.2 | 58.4 | 4.09 | 0.634 | ~ | 85PS330C23 | 85PR370F17 | K71-19 | 8300MRAP11 | ~ |
| HGA5512EXD | 208-230/60/1 | 5 | 27.9 | 5.93 | 2.32 | ~ | 85PS330C23 | 85PR370E35 | K71-16 | 8300MRAP09 | ~ |
| HGA5512EXV | 265/60/1 | 4.3 | 22.2 | 8.55 | 3.43 | ~ | ~ | 85PR440F24 | ~ | 8300MRAP13 | ~ |
| HGA9430YXA | 115/60/1 | 4.6 | 45.6 | 3.8 | 0.74 | ~ | 85PS330D15 | 85PR370F17 | K71-19 | 8300MRAS17 | ~ |
| HGA9430YXD | 208-230/60/1 | 2.1 | 22.2 | 7.35 | 2.95 | ~ | 64-77/330 | 85PR440F24 | 820ARR3K63 | 8300MSPU05 | ~ |
| HGA9443YXA | 115/60/1 | 6.5 | 58.4 | 4 | 0.58 | ~ | 85PS330D15 | 85PR370F17 | K71-19 | 8300MRAS17 | ~ |
| HGB9443YAA | 115/60/1 | 7.2 | 58.4 | 4 | 0.58 | ~ | 85PS330D15 | 85PR370F17 | K71-19 | 8300MRAS17 | ~ |
| HGA9443YXD | 208-230/60/1 | 3.1 | 27.9 | 5.93 | 2.32 | ~ | 85PS330C23 | 85PR370E35 | 820ARR3K63 | 8300MSTT87 | ~ |
| HGA9450ZXD | 208-230/60/1 | 4.1 | 32.5 | 4.76 | 2.63 | ~ | 85PS330D15 | 85PR370E35 | 820ARR3J44 | 8300MSTT84 | ~ |

| Model | Volts/Hz/Ph | RLA | LRA | Winding Resistance | | | Start Cap P/N | Run Cap P/N | Relay | Overload | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Start | Run | Line to Line | or MFD/Volt | or MFD/Volt | | | |
| HGA9468ZXA | 115/60/1 | 11.7 | 64 | 2.87 | 0.56 | ~ | 270-324/250 | 85PR240F37 | 820ARR3K34 | K90-28 | ~ |
| HGA9468ZXD | 208-230/60/1 | 5.2 | 34 | 5.92 | 2.21 | ~ | 85PS330C23 | 85PR440F19 | K71-17 | 8300MRAT64 | ~ |
| RGA5450EXA | 115/60/1 | 4.4 | 30.1 | 3.63 | 1.19 | ~ | 85PS330C23 | 85PR240F37 | K71-19 | K90-18 | Opt. PTC Start device 90669-5 |
| RGB5450EXA | 115/60/1 | 4.08 | 30.7 | 2.68 | 1.24 | ~ | ~ | 85PR240F37 | ~ | PURCH.BRAZIL | ~ |
| RGA5453BAA | 115/60/1 | 5 | 36.2 | 3.6 | 1.02 | ~ | ~ | 85PR240F37 | ~ | 8300MRAN19 | ~ |
| RGA5453BXD | 208-230/60/1 | 2.5 | 17.7 | 6.63 | 4.08 | ~ | ~ | 85PR370E36 | ~ | 8300MSPT59 | ~ |
| RGA5457BAA | 115/60/1 | 5.5 | 36.2 | 3.6 | 1.02 | ~ | ~ | 85PR240F37 | ~ | 8300MRAN19 | ~ |
| RGA5460BAA | 115/60/1 | 5.7 | 36.2 | 3.6 | 1.02 | ~ | ~ | 85PR240F37 | ~ | 8300MRAN19 | ~ |
| RGA5460BXD | 208-230/60/1 | 2.8 | 17.7 | 6.63 | 4.08 | ~ | ~ | 85PR370E36 | ~ | 8300MSPT59 | ~ |
| RGA5460EXA | 115/60/1 | 5 | 30.1 | 3.63 | 1.19 | ~ | 85PS330C23 | 85PR240F37 | K71-19 | K90-18 | Opt. PTC Start device 90669-5 |
| RGB5460EXA | 115/60/1 | 4.8 | 31.5 | 2.64 | 1.1 | ~ | ~ | 85PR240F37 | ~ | PURCH.BRAZIL | ~ |
| RGA5467CXA | 115/60/1 | 5.4 | 36.2 | 3.54 | 1.02 | ~ | ~ | 85PR240F37 | ~ | 8300MRAN19 | Opt. PTC Start device 90669-5 |
| RGA5467CXD | 208-230/60/1 | 2.6 | 17.7 | 6.53 | 4.01 | ~ | ~ | 85PR370E36 | ~ | 8300MRAN93 | Opt. PTC Start device 90669-5 |
| RGA5467EXA | 115/60/1 | 5.7 | 36.2 | 3.54 | 1.02 | ~ | 85PS330C23 | 85PR240F37 | K71-19 | 8300MRAN19 | Opt. PTC Start device 90669-5 |
| RGA5467EXD | 208-230/60/1 | 2.76 | 17.7 | 6.53 | 4.01 | ~ | 85PS330C23 | 85PR370E36 | K71-16 | 8300MRAN93 | ~ |
| RGA5467EXV | 265/60/1 | 2.45 | 15 | 6.77 | 5.29 | ~ | 85PS330C23 | 85PR370E36 | K71-19 | 8300MRAP17 | ~ |
| RGA5471BAA | 115/60/1 | 7 | 45.6 | 3.48 | 0.71 | ~ | ~ | 85PR240F37 | ~ | 8300MRAT66 | ~ |
| RGA5471BXD | 208-230/60/1 | 3.4 | 22.2 | 7.35 | 2.95 | ~ | ~ | 85PR370E36 | ~ | 8300MSTT62 | ~ |
| RGA5471BXV | 265/60/1 | 2.9 | 18.8 | 10.74 | 4.27 | ~ | ~ | 10/440 | ~ | 8300MSPT89 | ~ |
| RGA5472EXA | 115/60/1 | 6.2 | 36.2 | 3.54 | 1.02 | ~ | 85PS330C23 | 85PR240F37 | K71-19 | 8300MRAN19 | Opt. PTC Start device 90669-5 |
| RGB5472EXA | 115/60/1 | 5.97 | 41.1 | 2.86 | 0.82 | ~ | ~ | 85PR240F37 | ~ | PURCH.BRAZIL | ~ |
| RGA5472EXD | 208-230/60/1 | 3 | 17.7 | 6.53 | 4.01 | ~ | 85PS330C23 | 85PR370E36 | K71-16 | 8300MRAN93 | ~ |
| RGA5472EXV | 265/60/1 | 2.65 | 15 | 6.77 | 5.29 | ~ | 85PS330C23 | 85PR370E36 | K71-19 | 8300MRAP17 | ~ |
| RGA5479BAA | 115/60/1 | 7.6 | 45.6 | 3.48 | 0.71 | ~ | ~ | 85PR240F37 | ~ | 8300MRAT66 | ~ |

| Model | Volts/Hz/Ph | RLA | LRA | Winding Resistance | | | Start Cap P/N | Run Cap P/N | Relay | Overload | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Start | Run | Line to Line | or MFD/Volt | or MFD/Volt | | | |
| RGA5479BXD | 208-230/60/1 | 3.6 | 22.2 | 7.35 | 2.95 | ~ | ~ | 85PR370E36 | ~ | 8300MRAT71 | ~ |
| RGA5480CXA | 115/60/1 | 7 | 45.6 | 3.8 | 0.74 | ~ | ~ | 85PR240F37 | ~ | K90-24 | Opt. PTC Start device 90669-5 |
| RGA5480EXA | 115/60/1 | 7 | 45.6 | 3.8 | 0.74 | ~ | 85PS330C23 | 85PR240F37 | K71-19 | K90-24 | Opt. PTC Start device 90669-5 |
| RGA5480EXD | 208-230/60/1 | 3.5 | 22.2 | 7.29 | 2.93 | ~ | 85PS330C23 | 85PR370E36 | K71-16 | 8300MRAK04 | Opt. PTC Start device 90669-5 |
| RGA5485BAA | 115/60/1 | 8 | 45.6 | 3.48 | 0.71 | ~ | ~ | 85PR240F37 | ~ | 8300MRAT85 | ~ |
| RGA5485BXD | 208-230/60/1 | 4 | 22.2 | 7.35 | 2.95 | ~ | ~ | 85PR440F24 | ~ | 8300MRAT69 | ~ |
| RGA5485EXA | 115/60/1 | 7.2 | 45.6 | 3.8 | 0.74 | ~ | 85PS330C23 | 85PR240F37 | K71-19 | 8300MRAN94 | Opt. PTC Start device 90669-5 |
| RGA5485EXD | 208-230/60/1 | 3.4 | 22.2 | 7.35 | 2.95 | ~ | 85PS330C23 | 85PR370E36 | K71-16 | 8300MRAK04 | Opt. PTC Start device 90669-5 |
| RGA5485EXV | 265/60/1 | 3.1 | 18.8 | 10.56 | 4.27 | ~ | ~ | 10/440 | ~ | 8300MRAP16 | ~ |
| RGA5492EXA | 115/60/1 | 7.7 | 45.6 | 3.8 | 0.74 | ~ | 85PS330C23 | 85PR240F37 | K71-19 | 8300MRAN99 | Opt. PTC Start device 90669-5 |
| RGB5492EXA | 115/60/1 | 7.7 | 45.6 | 3.03 | 0.75 | ~ | ~ | 85PR240F37 | ~ | 8300MRAN99 | ~ |
| RGA5492EXD | 208-230/60/1 | 3.7 | 22.2 | 7.29 | 2.93 | ~ | 85PS330C23 | 85PR370E36 | K71-16 | 8300MRAK04 | Opt. PTC Start device 90669-5 |
| RGA5492EXV | 265/60/1 | 3.3 | 18.8 | 10.56 | 4.27 | ~ | ~ | 10/440 | ~ | 8300MRAP16 | ~ |
| RGA5494BAA | 115/60/1 | 9.6 | 58.4 | 4 | 0.58 | ~ | ~ | 85PR370F17 | ~ | 8300MSTT72 | ~ |
| RGA5494BXD | 208-230/60/1 | 4.6 | 27.9 | 5.9 | 2.3 | ~ | ~ | 85PR370E35 | ~ | 8300MSTT91 | ~ |
| RGA5494BXV | 265/60/1 | 3.8 | 22.2 | 8.69 | 3.47 | ~ | ~ | 85PR440F24 | ~ | 8300MSTT91 | ~ |
| RGA5510BAA | 115/60/1 | 11.8 | 63 | 3.89 | 0.54 | ~ | ~ | 85PR370F17 | ~ | K90-27 | ~ |
| RGA5510BXD | 208-230/60/1 | 5.6 | 32.5 | 5.7 | 2.15 | ~ | ~ | 85PR440F19 | ~ | 8300MRAT77 | ~ |
| RGA5510ENA | 208-230/60/1 | 4.4 | 27.9 | 5.93 | 3.32 | ~ | 85PS330C23 | 85PR370E35 | K71-16 | 8300MRAP10 | ~ |
| RGA5510EXA | 115/60/1 | 9 | 58.4 | 3.735 | 0.7 | ~ | 85PS330C23 | 85PR370F17 | K71-19 | K90-27 | Opt. PTC Start device 90669-5 |
| RGB5510EXA | 115/60/1 | 9 | 58.4 | 2.06 | 0.59 | ~ | ~ | 50/370 | ~ | K90-27 | ~ |
| RGA5511BAA | 115/60/1 | 12.5 | 63 | 3.89 | 0.54 | ~ | ~ | 85PR370F17 | ~ | K90-27 | ~ |
| RGA5512BAA | 115/60/1 | 12.7 | 63 | 3.49 | 0.54 | ~ | ~ | 85PR370E63 | ~ | T80400-78 | ~ |
| RGA5512BXD | 208-230/60/1 | 5.6 | 29 | 5.45 | 2.31 | ~ | ~ | 85PR440F22 | ~ | 8300MSTT80 | ~ |

| Model | Volts/Hz/Ph | RLA | LRA | Winding Resistance | | | Start Cap P/N | Run Cap P/N | Relay | Overload | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Start | Run | Line to Line | or MFD/Volt | or MFD/Volt | | | |
| RGA5512BXV | 265/60/1 | 4.6 | 20 | 7.39 | 3.58 | ~ | ~ | 85PR440F24 | ~ | 8300MRAT90 | ~ |
| RGA5512CXA | 115/60/1 | 10.1 | 58.4 | 4 | 0.58 | ~ | ~ | 85PR370F17 | ~ | K90-27 | Opt. PTC Start device 90669-5 |
| RGA5512CXD | 208-230/60/1 | 4.7 | 27.9 | 5.93 | 2.32 | ~ | ~ | 85PR370E35 | ~ | 8300MRAP10 | Opt. PTC Start device 90669-5 |
| RGA5512ENA | 208-230/60/1 | 5 | 27.9 | 5.93 | 2.32 | ~ | 85PS330C23 | 85PR370E35 | K71-16 | 8300MRAP10 | ~ |
| RGA5512EXA | 115/60/1 | 10.2 | 58.4 | 4 | 0.58 | ~ | 85PS330C23 | 85PR370F17 | K71-19 | K90-27 | Opt. PTC Start device 90669-5 |
| RGA5512EXV | 265/60/1 | 4.3 | 22.2 | 8.55 | 3.43 | ~ | ~ | 85PR440F24 | ~ | 8300MRAP14 | ~ |
| RGA5513BAA | 115/60/1 | 13.8 | 63 | 3.49 | 0.54 | ~ | ~ | 85PR370E63 | ~ | T80400-78 | ~ |
| RKA5454YXA | 115/60/1 | 5.5 | 39.2 | 5.01 | 0.88 | ~ | 85PS330D14 | 85PR370E36 | 820ARR3K58 | K90-25 | ~ |
| RKA5454YXD | 208-230/60/1 | 2.4 | 23 | 5.88 | 3.57 | ~ | 85PS330D12 | 85PR370E36 | 82759 | 8300MRAL20 | ~ |
| RKA5470YXA | 115/60/1 | 6 | 48.3 | 4.27 | 0.65 | ~ | 85PS330C23 | 85PR370F20 | 820ARR3K57 | 8300MRAL22 | ~ |
| RKA5470YXD | 208-230/60/1 | 3.2 | 27 | 3.97 | 3.03 | ~ | 85PS330C23 | 85PR370E36 | 820ARR3K59 | K90-17 | ~ |
| RKA5480EXA | 115/60/1 | 6.6 | 39.2 | 5.01 | 0.88 | ~ | ~ | 85PR370F20 | ~ | K90-25 | Must use SAK2 for hard start |
| RKA5480EXD | 208-230/60/1 | 3.4 | 23 | 5.88 | 3.57 | ~ | ~ | 85PR370E36 | ~ | 8300MRAL20 | Must use SAK2 for hard start |
| RKA5480EXV | 265/60/1 | 3.2 | 16 | 3.85 | 4.8 | ~ | ~ | 85PR370F20 | ~ | 8300MRAL21 | Must use SAK2 for hard start |
| RKA5486YXA | 115/60/1 | 7.3 | 48.3 | 4.27 | 0.65 | ~ | 85PS330C23 | 85PR370F20 | 820ARR3K47 | 8300MRAL22 | ~ |
| RKA5486YXD | 208-230/60/1 | 3.6 | 27 | 3.97 | 3.03 | ~ | 85PS330C23 | 85PR370F20 | K71-21 | K90-17 | ~ |
| RKA5490CXD | 208-230/60/1 | 3.7 | 20 | 4.23 | 3.65 | ~ | 85PS330D12 | 85PR370F20 | 820ARR3H43 | K90-16 | ~ |
| RKA5490EXA | 115/60/1 | 7.4 | 44 | 3.96 | 0.94 | ~ | ~ | 85PR370F20 | ~ | K90-25 | Must use SAK2 for hard start |
| RKA5490EXD | 208-230/60/1 | 3.8 | 20 | 4.23 | 3.65 | ~ | ~ | 85PR370F20 | ~ | K90-16 | Must use SAK2 for hard start |
| RKA5490EXV | 265/60/1 | 3.3 | 18.6 | 3.61 | 4.01 | ~ | ~ | 85PR370F20 | ~ | K90-12 | Must use SAK2 for hard start |
| RKA5510CXA | 115/60/1 | 8.6 | 48.3 | 4.27 | 0.65 | ~ | ~ | 85PR370F20 | ~ | 8300MRAR96 | ~ |
| RKA5510EXA | 115/60/1 | 8.6 | 48.3 | 4.27 | 0.65 | ~ | ~ | 85PR370F20 | ~ | 8300MRAL22 | Must use SAK2 for hard start |
| RKA5510EXD | 208-230/60/1 | 4.3 | 27 | 3.97 | 3.03 | ~ | ~ | 85PR370F20 | ~ | K90-17 | Must use SAK2 for hard start |
| RKA5510EXV | 265/60/1 | 4.2 | 22 | 3.83 | 3.76 | ~ | ~ | 85PR370F20 | ~ | K90-12 | Must use SAK2 for hard start |

| Model | Volts/Hz/Ph | RLA | LRA | Winding Resistance | | | Start Cap P/N | Run Cap P/N | Relay | Overload | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Start | Run | Line to Line | or MFD/Volt | or MFD/Volt | | | |
| RKA5510YXA | 115/60/1 | 8.4 | 57 | 2.93 | 0.56 | ~ | 85PS330D18 | 85PR240F37 | 820ARR3H43 | INTERNAL | ~ |
| RKA5510YXD | 208-230/60/1 | 4.5 | 38 | 3.82 | 1.74 | ~ | 85PS330C23 | 85PR370F20 | K71-21 | 8300MSTT52 | ~ |
| RKA5512CXD | 208-230/60/1 | 4.6 | 26.3 | 3.61 | 2.54 | ~ | ~ | 85PR370F20 | ~ | K90-19 | ~ |
| RKA5512EXA | 115/60/1 | 9.7 | 54 | 4.42 | 0.63 | ~ | 85PS330C23 | 85PR370F20 | K71-19 | K90-27 | ~ |
| RKA5512EXD | 208-230/60/1 | 4.8 | 26.3 | 3.61 | 2.54 | ~ | 85PS330C23 | 85PR370F20 | ~ | K90-19 | ~ |
| RKA5512EXV | 265/60/1 | 4.2 | 28 | 4.56 | 2.88 | ~ | ~ | 85PR440F22 | ~ | K90-14 | Must use SAK2 for hard start |
| RKA5512YXA | 115/60/1 | 9.6 | 57 | 2.93 | 0.56 | ~ | 85PS330D18 | 85PR240F37 | 820ARR3H43 | INTERNAL | ~ |
| RKA5512YXD | 208-230/60/1 | 4.9 | 38 | 3.82 | 1.74 | ~ | 85PS330C23 | 85PR370F20 | K71-21 | K90-24 | ~ |
| RKA5513CXA | 115/60/1 | 11 | 67 | 4.01 | 0.55 | ~ | ~ | 85PR370F20 | ~ | K90-28 | ~ |
| RKA5513CXD | 208-230/60/1 | 5.2 | 29 | 5 | 2.37 | ~ | ~ | 85PR370F20 | ~ | K90-21 | ~ |
| RKA5513EXA | 115/60/1 | 11.4 | 67 | 4.01 | 0.55 | ~ | 85PS330C23 | 85PR370F20 | K71-19 | K90-28 | ~ |
| RKB5513EXA | 115/60/1 | 11 | 54 | 4.42 | 0.63 | ~ | 85PS330C23 | 85PR370F23 | K71-19 | K90-28 | Must use SAK2 for hard start |
| RKG5513EXA | 115/60/1 | 10.8 | 54 | 4.1 | 0.63 | ~ | 85PS330C23 | 85PR370F21 | K71-19 | K90-28 | ~ |
| RKA5513EXD | 208-230/60/1 | 5.4 | 29 | 5 | 2.37 | ~ | 85PS330C23 | 85PR370F20 | K71-21 | K90-21 | ~ |
| RKA5513EXV | 265/60/1 | 4.8 | 27 | 5.64 | 2.83 | ~ | ~ | 85PR440F22 | ~ | 8300MRAL29 | Must use SAK2 for hard start |
| RKC5515EXA | 115/60/1 | 13 | 71 | 3.24 | 0.45 | ~ | 85PS330C23 | 85PR370E63 | 820ARR3C24 | INTERNAL | Must use SAK2 for hard start |
| RKA5515EXD | 208-230/60/1 | 6.4 | 38 | 3.82 | 1.74 | ~ | 85PS330C23 | 85PR370F20 | K71-21 | K90-24 | ~ |
| RKA5515EXV | 265/60/1 | 5.4 | 32 | 4.86 | 2.24 | ~ | ~ | 85PR440F22 | ~ | K90-21 | Must use SAK2 for hard start |
| RKA5518EXD | 208-230/60/1 | 7.6 | 45 | 4.25 | 1.45 | ~ | 85PS330C23 | 85PR370F20 | K71-16 | K90-26 | Must use SAK2 for hard start |
| RKA5518EXV | 265/60/1 | 6.3 | 32 | 4.86 | 2.24 | ~ | ~ | 85PR440F22 | ~ | 8300MSTL34 | Must use SAK2 for hard start |
| RKGB515EXA | 115/60/1 | 9 | 54 | 4.1 | 0.63 | ~ | 85PS330C23 | 85PR370F21 | K71-19 | K90-28 | ~ |
| SFAA530ZXG | 460/60/3 | 6.4 | 48 | ~ | ~ | 2.81 | ~ | ~ | ~ | INTERNAL | ~ |
| SFAA530ZXH | 575/60/3 | 4.9 | 37 | ~ | ~ | 4.99 | ~ | ~ | ~ | INTERNAL | ~ |
| SFAA530ZXN | 208-230/60/1 | 22 | 122 | 2.56 | 0.465 | ~ | 85PS330D17 | 85PR440F18 | ~ | INTERNAL | ~ |

| Model | Volts/Hz/Ph | RLA | LRA | Winding Resistance | | | Start Cap P/N | Run Cap P/N | Relay | Overload | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Start | Run | Line to Line | or MFD/Volt | or MFD/Volt | | | |
| SFAA530ZXT | 200-230/60/3 | 12.6 | 95 | ~ | ~ | 0.703 | ~ | ~ | ~ | INTERNAL | ~ |
| SFAA536ZXG | 460/60/3 | 7.8 | 59.9 | ~ | ~ | 2.29 | ~ | ~ | ~ | INTERNAL | ~ |
| SFAA536ZXH | 575/60/3 | 6.1 | 48.4 | ~ | ~ | 3.59 | ~ | ~ | ~ | INTERNAL | ~ |
| SFAA536ZXN | 208-230/60/1 | 27.2 | 155 | 1.8 | 0.326 | ~ | 85PS330D17 | 85PR440E65 | ~ | INTERNAL | ~ |
| SFAA536ZXT | 200-230/60/3 | 15.4 | 117 | ~ | ~ | 0.572 | ~ | ~ | ~ | INTERNAL | ~ |
| SFAA540ZXG | 460/60/3 | 8.6 | 66 | ~ | ~ | 1.95 | ~ | ~ | ~ | INTERNAL | ~ |
| SFAA540ZXH | 575/60/3 | 7 | 54 | ~ | ~ | 3.056 | ~ | ~ | ~ | INTERNAL | ~ |
| SFAA540ZXT | 200-230/60/3 | 17.1 | 134 | ~ | ~ | 0.493 | ~ | ~ | ~ | INTERNAL | ~ |
| SFA5554EXG | 460/60/3 | 7 | 60 | ~ | ~ | 2.29 | ~ | ~ | ~ | INTERNAL | ~ |
| SFA5554EXH | 575/60/3 | 5.7 | 48.4 | ~ | ~ | 3.59 | ~ | ~ | ~ | INTERNAL | ~ |
| SFA5554EXN | 208-230/60/1 | 22.5 | 155 | 1.8 | 0.326 | ~ | 85PS330D17 | 85PR440E65 | ~ | INTERNAL | ~ |
| SFA5554EXT | 200-230/60/3 | 14.3 | 108 | ~ | ~ | 0.589 | ~ | ~ | ~ | INTERNAL | ~ |
| SFA5558EXG | 460/60/3 | 7.65 | 66 | ~ | ~ | 1.952 | ~ | ~ | ~ | INTERNAL | ~ |
| SFA5558EXH | 575/60/3 | 6.1 | 54 | ~ | ~ | 3.056 | ~ | ~ | ~ | INTERNAL | ~ |
| SFA5558EXN | 208-230/60/1 | 24.4 | 160 | 1.47 | 0.285 | ~ | 85PS330D17 | 85PR440E90 | ~ | INTERNAL | ~ |
| SFA5558EXT | 200-230/60/3 | 15 | 125 | ~ | ~ | 0.493 | ~ | ~ | ~ | INTERNAL | ~ |
| SFA5560EXG | 460/60/3 | 7.75 | 66 | ~ | ~ | 1.952 | ~ | ~ | ~ | INTERNAL | ~ |
| SFA5560EXH | 575/60/3 | 6.4 | 54 | ~ | ~ | 3.056 | ~ | ~ | ~ | INTERNAL | ~ |
| SFA5560EXN | 208-230/60/1 | 25.2 | 160 | 1.47 | 0.285 | ~ | 85PS330D17 | 85PR440E90 | ~ | INTERNAL | ~ |
| SFA5560EXT | 200-230/60/3 | 15.7 | 125 | ~ | ~ | 0.493 | ~ | ~ | ~ | INTERNAL | ~ |
| SFA5572EXG | 460/60/3 | 9.5 | 72 | ~ | ~ | 1.9 | ~ | ~ | ~ | INTERNAL | ~ |
| SFA5572EXH | 575/60/3 | 7.6 | 58 | ~ | ~ | 2.92 | ~ | ~ | ~ | INTERNAL | ~ |
| SFA5572EXT | 200-230/60/3 | 19 | 142 | ~ | ~ | 0.488 | ~ | ~ | ~ | INTERNAL | ~ |
| SFA5581EXG | 460/60/3 | 10.5 | 75.9 | ~ | ~ | 1.82 | ~ | ~ | ~ | INTERNAL | ~ |

| Model | Volts/Hz/Ph | RLA | LRA | Winding Resistance | | | Start Cap P/N | Run Cap P/N | Relay | Overload | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Start | Run | Line to Line | or MFD/Volt | or MFD/Volt | | | |
| SFA5581EXT | 200-230/60/3 | 21 | 151 | ~ | ~ | 0.453 | ~ | ~ | ~ | INTERNAL | ~ |
| SFA5594EXG | 460/60/3 | 12.4 | 89 | ~ | ~ | 1.48 | ~ | ~ | ~ | INTERNAL | ~ |
| SFA5594EXH | 575/60/3 | 10.4 | 78.4 | ~ | ~ | 1.99 | ~ | ~ | ~ | INTERNAL | ~ |
| SFA5594EXT | 200-230/60/3 | 25 | 185 | ~ | ~ | 0.372 | ~ | ~ | ~ | INTERNAL | ~ |
| SFA5611EXG | 460/60/3 | 14.4 | 104 | ~ | ~ | 1.21 | ~ | ~ | ~ | INTERNAL | ~ |
| SFA5611EXH | 575/60/3 | 11.4 | 78.4 | ~ | ~ | 1.99 | ~ | ~ | ~ | INTERNAL | ~ |
| SFA5611EXT | 200-230/60/3 | 28.3 | 205 | ~ | ~ | 0.309 | ~ | ~ | ~ | INTERNAL | ~ |
| SFA5612EXG | 460/60/3 | 17 | 119 | ~ | ~ | 1.03 | ~ | ~ | ~ | INTERNAL | ~ |
| SFA5612EXH | 575/60/3 | 15.2 | 111 | ~ | ~ | 1.43 | ~ | ~ | ~ | INTERNAL | ~ |
| SFA5612EXT | 200-230/60/3 | 34.5 | 239 | ~ | ~ | 0.258 | ~ | ~ | ~ | INTERNAL | ~ |
| SFA5615EXG | 460/60/3 | 20.7 | 135 | ~ | ~ | 0.94 | ~ | ~ | ~ | INTERNAL | ~ |
| SFA5615EXH | 575/60/3 | 17.2 | 111 | ~ | ~ | 1.43 | ~ | ~ | ~ | INTERNAL | ~ |
| SFA5615EXT | 200-230/60/3 | 41 | 269 | ~ | ~ | 0.239 | ~ | ~ | ~ | INTERNAL | ~ |
| THA0412YXA | 115/60/1 | 3.35 | 27.5 | 10.21 | 1.96 | ~ | ~ | ~ | 82008EAH05 | 8300T57T79 | ~ |
| THA0414YXA | 115/60/1 | 4 | 33 | 7.33 | 1.7 | ~ | ~ | ~ | 82008EAH05 | 83004TMT40 | ~ |
| THA1340YXA | 115/60/1 | 0.96 | 16.4 | 9.2 | 3.77 | ~ | ~ | 10/220 | K71-23 | 83004TMJ89 | ~ |
| THG1340YXA | 115/60/1 | 0.98 | 16.4 | 9.16 | ~ | ~ | ~ | ~ | K71-23 | 83004TMJ89 | ~ |
| THB1355YXA | 115/60/1 | 2.15 | 22.2 | 6.6 | 2.59 | ~ | ~ | ~ | 82008EAH05 | 83004TMS11 | ~ |
| THG1374YXA | 115/60/1 | 1.55 | 21 | 8.51 | 2.69 | ~ | ~ | 12/250 | 82008EAG74 | PUR.BRAZIL | ~ |
| TPA0413YXA | 115/60/1 | 3.8 | 30 | 9.12 | 1.63 | ~ | 85PS110C91 | ~ | K71-08 | 8300MRPS30 | ~ |
| TPA0413YXD | 208-230/60/1 | 2.2 | 19.2 | 30.06 | 4.84 | ~ | 53-64/220 | ~ | 82767 | 8300MRAS43 | ~ |
| TPA0415YXA | 115/60/1 | 4 | 30 | 9.12 | 1.63 | ~ | 85PS110C91 | ~ | K71-08 | 8300MRPS44 | ~ |
| TPA0415YXD | 208-230/60/1 | 2.3 | 19.2 | 30.06 | 4.84 | ~ | 53-64/220 | ~ | 82767 | 8300MRAS43 | ~ |
| TPA0421YXA | 115/60/1 | 5.5 | 37.5 | 9.06 | 1.37 | ~ | ~ | ~ | ~ | 8300MRAR88 | ~ |

| Model | Volts/Hz/Ph | RLA | LRA | Winding Resistance | | | Start Cap P/N | Run Cap P/N | Relay | Overload | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Start | Run | Line to Line | or MFD/Volt | or MFD/Volt | | | |
| TPA0421YXD | 208-230/60/1 | 3.4 | 25.5 | 16.83 | 4.21 | ~ | ~ | ~ | RP5610 | 8300MRPR89 | ~ |
| TPA0423YXA | 115/60/1 | 6.1 | 42.5 | 10.62 | 0.987 | ~ | ~ | ~ | 8200EMBK21 | 8300MRTT07 | ~ |
| TPA1370YXA | 115/60/1 | 1.2 | 21.3 | 4.27 | 2.58 | ~ | ~ | 85PR220F12 | K71-23 | K90-05 | ~ |
| TPB1370YXA | 115/60/1 | 2.1 | 23.5 | 10.19 | 2.31 | ~ | ~ | ~ | K71-23 | K90-05 | ~ |
| TPE1370YXA | 115/60/1 | 1.15 | 19.5 | 4.49 | 2.79 | ~ | ~ | 85PR220F12 | K71-23 | K90-05 | ~ |
| TPA1380YXA | 115/60/1 | 1.4 | 21.3 | 4.27 | 2.58 | ~ | ~ | 85PR220F12 | K71-23 | K90-05 | Condenser Fan Required |
| TPD1380YXA | 115/60/1 | 1.4 | 21.3 | 4.27 | 2.58 | ~ | ~ | 85PR220F12 | K71-23 | K90-05 | ~ |
| TPE1380YXA | 115/60/1 | 1.35 | 19.5 | 4.49 | 2.79 | ~ | ~ | 85PR220F12 | K71-23 | K90-05 | ~ |
| TPG1380YXA | 115/60/1 | 1.34 | 19 | 4.28 | 3.33 | ~ | ~ | ~ | ~ | ~ | ~ |
| TPA1390YXA | 115/60/1 | 1.6 | 21.3 | 4.27 | 2.58 | ~ | ~ | 85PR220F12 | K71-23 | K90-05 | Condenser Fan Required |
| TPB1390YXA | 115/60/1 | 2.7 | 25.5 | 8.73 | 1.88 | ~ | ~ | ~ | K71-23 | 83004TMR17 | ~ |
| TPE1390YXA | 115/60/1 | 1.5 | 19.5 | 4.49 | 2.79 | ~ | ~ | 85PR220F12 | K71-23 | K90-05 | ~ |
| TPG1390YXA | 115/60/1 | 1.44 | 19 | 4.28 | 3.33 | ~ | ~ | ~ | ~ | ~ | ~ |
| TPA1410YXA | 115/60/1 | 1.8 | 21.3 | 4.27 | 2.58 | ~ | ~ | 85PR220F12 | K71-23 | K90-05 | Condenser Fan Required |
| TPA1410YXD | 208-230/60/1 | 1.09 | 15.8 | 19.19 | 6.08 | ~ | ~ | 85PR370E36 | 82008EAJ54 | 83004TMP67 | ~ |
| TPA1413YXA | 115/60/1 | 2.3 | 20.5 | 3.95 | 1.77 | ~ | ~ | 85PR220F12 | K71-23 | 83004TMP65 | ~ |
| TPA9415YXA | 115/60/1 | 3.9 | 26.5 | 4.48 | 1.92 | ~ | 85PS110C92 | ~ | 820RR12L02 | 8300MRAT22 | ~ |
| TPB9415YAA | 115/60/1 | 3.7 | 26 | 4.68 | 1.58 | ~ | 85PS165C27 | ~ | 820RR12K99 | 8300MRAT22 | ~ |
| TPA9415YXD | 208-230/60/1 | 2 | 15.5 | 16.58 | 5.72 | ~ | 88-108/165 | ~ | 82448 | 8300MRAT26 | ~ |
| TPA9417YXA | 115/60/1 | 5 | 34 | 7.93 | 1.2 | ~ | 85PS110C76 | ~ | K71-10 | 8300MRTT30 | ~ |
| TPA9419YXA | 115/60/1 | 6.2 | 40 | 5.9 | 0.97 | ~ | 85PS165C96 | ~ | K71-06 | K90-14 | ~ |
| TPA9421YXA | 115/60/1 | 6.4 | 40 | 5.9 | 0.97 | ~ | 85PS165C96 | ~ | K71-06 | K90-14 | ~ |
| TPA9421YXD | 208-230/60/1 | 3.3 | 21.2 | 13.94 | 4.26 | ~ | 88-108/220 | ~ | 820RR12K99 | 8300MRPR89 | ~ |
| TPA9423YXA | 115/60/1 | 6.9 | 44.5 | 4.77 | 0.86 | ~ | 216-259/220 | ~ | K71-06 | K90-17 | ~ |

| Model | Volts/Hz/Ph | RLA | LRA | Winding Resistance | | | Start Cap P/N | Run Cap P/N | Relay | Overload | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Start | Run | Line to Line | or MFD/Volt | or MFD/Volt | | | |
| TPB9423YAA | 115/60/1 | 6.6 | 44.5 | 5.08 | 0.85 | ~ | 85PS220D57 | ~ | 820RR12J61 | K90-17 | Non self equalizing application |
| TPA9423YXD | 208-230/60/1 | 3.6 | 24 | 15.35 | 3.29 | ~ | 85PS250D09 | ~ | 820RR12L04 | 8300MRAT74 | ~ |
| VSA9490ZXT | 200-230/60/3 | 5.2 | 40.5 | ~ | ~ | 2.33 | ~ | ~ | ~ | INTERNAL | ~ |
| VSA9514ZNA | 208-230/60/1 | 10.3 | 83 | 1.86 | 0.648 | ~ | 85PS330C23 | 85PR370F21 | 820ARR3K62 | INTERNAL | ~ |
| VSA9514ZXT | 200-230/60/3 | 7.1 | 48.5 | ~ | ~ | 1.85 | ~ | ~ | ~ | INTERNAL | ~ |
| VSA9517ZNA | 208-230/60/1 | 12 | 83 | 1.86 | 0.648 | ~ | 85PS330C23 | 85PR370F21 | 820ARR3K62 | INTERNAL | ~ |
| VSA9517ZXT | 200-230/60/3 | 8.2 | 77.5 | ~ | ~ | 1.32 | ~ | ~ | ~ | INTERNAL | ~ |
| VSA9521ZXT | 200-230/60/3 | 9.75 | 80 | ~ | ~ | 1.07 | ~ | ~ | ~ | INTERNAL | ~ |
| VSA9524ZTB | 200-230/60/3 | 12.6 | 104 | ~ | ~ | 0.824 | ~ | ~ | ~ | INTERNAL | ~ |
| VSA9528ZXT | 200-230/60/3 | 12.2 | 96 | ~ | ~ | 0.689 | ~ | ~ | ~ | INTERNAL | ~ |
| VSA9536ZXT | 200-230/60/3 | 15.9 | 153 | ~ | ~ | 0.441 | ~ | ~ | ~ | INTERNAL | ~ |
| VSA9544ZXT | 200-230/60/3 | 19.1 | 156 | ~ | ~ | 0.375 | ~ | ~ | ~ | INTERNAL | ~ |

# Introduction to Electrical Drawings

1. The drawings which follow cover both current production and obsolete compressor models.

2. For ease in determination of the proper drawing, indexes are provided.

3. Each drawing has a descriptive title, a representative compressor photograph.

4. The following general points should be considered:

   A. All notations are important and must be heeded.

   B. All ESP relays must be mounted as shown in the drawings or, in the case of remote installations, exactly as was the original.

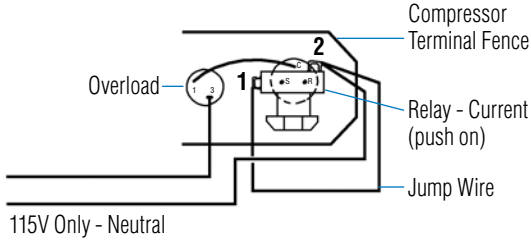
   C. The two terminal overloads shown in the drawings are typical examples. ESP overloads may be provided with terminals at #1 and #3 or #1 and #2 or may have factory applied leads or straps. Regardless, as long as they are wired as shown in the drawings, the circuit will be correct.

   D. Fan motor leads, if not originally connected elsewhere in the equipment, are always connected to line terminals.

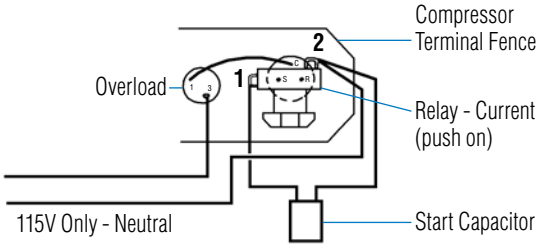
| Page | Model | Description |
|---|---|---|
| 64 | AE | RSIR and CSIR with current relay |
| 65 | AE | PSC or CSR with potential relay |
| 66 | AG | PSC or CSR with potential relay |
| 67 | AH | CSIR with current relay |
| 68 | AH | PSC or CSR with potential relay |
| 69 | AJ | CSIR with current relay |
| 71 | AJ | PSC or CSR with potential relay |
| 72 | AK | CSIR with current relay |
| 73 | AK | PSC or CSR with potential relay |
| 74 | AV | PSC or CSR with potential relay |
| 75 | AW | PSC or CSR with potential relay |
| 76 | AZ | RSIR or CSIR with current relay |
| 77 | RG, RK | PSC or CSR with potential relay |
| 78 | SF | PSC or CSR with potential relay |
| 79 | TP | PTCS/CR |
| 80 | AB | PSC or CSR with potential relay |
| 81 | CL | PSC or CSR with potential relay (internal overload models) |
| 82 | CL | PSC or CSR with potential relay (internal thermostat models) |
| 83 | CL | 3 Phase (internal thermostat models) |

# AE Models

*Representative photo only*
*Many variations possible*

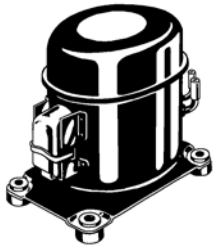



(RSIR)

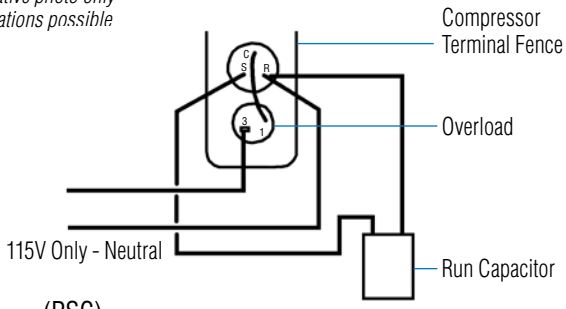



(CSIR)

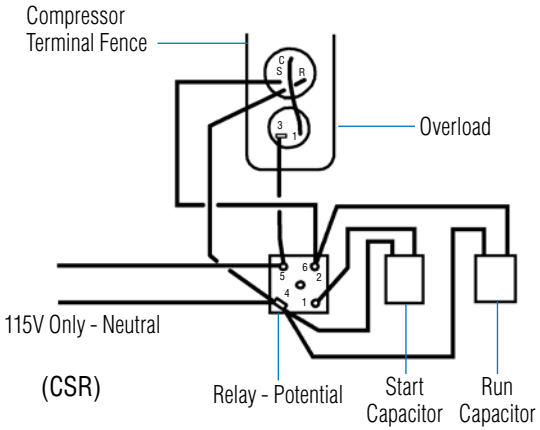
# AE Models



*Representative photo only*
*Many variations possible*




(PSC)

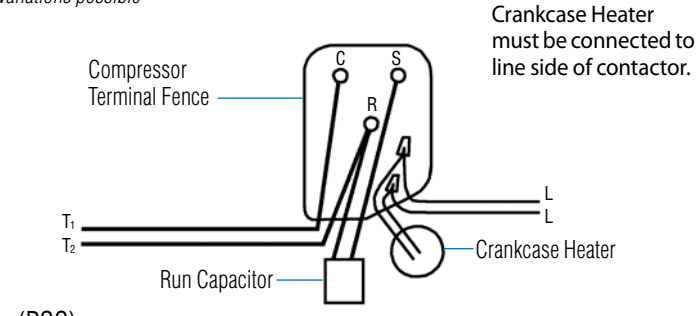



(CSR)

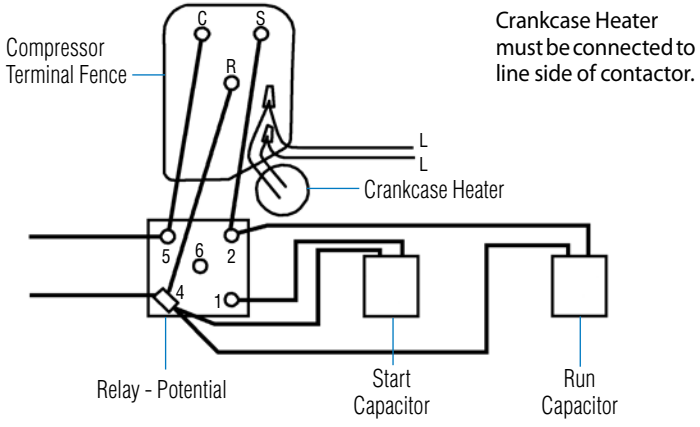
**NOTE:** Wire to relay as shown regardless of terminal location.

# AG Models

*Representative photo only*
*Many variations possible*




(PSC)

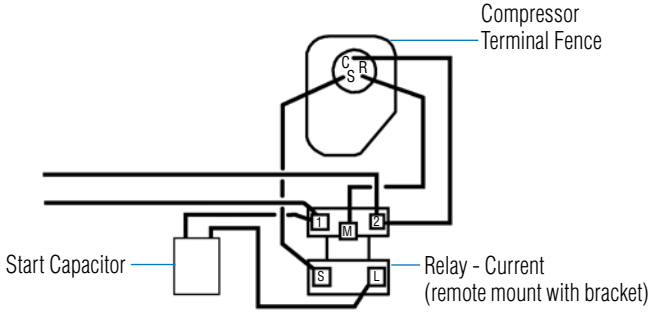



(CSR)

**NOTE:** Wire to relay as shown regardless of terminal location.

# AH Models

*Representative photo only*
*Many variations possible*

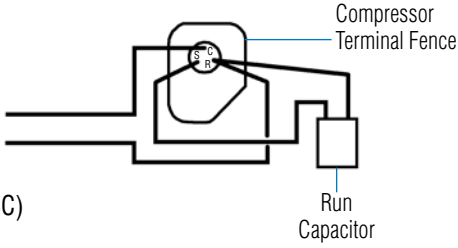



(CSIR)

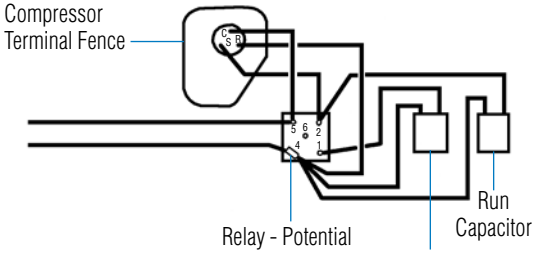
**NOTE:** Wire to relay as shown regardless of terminal location.

# AH Models

*Representative photo only*
*Many variations possible*




(PSC)

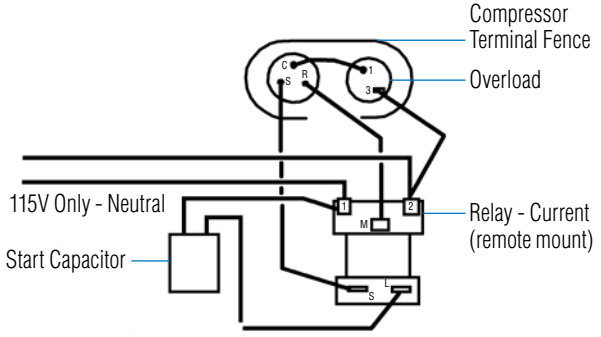



(CSR)

**NOTE:** Wire to relay as shown regardless of terminal location.

# AJ Models

*Representative photo only*
*Many variations possible*

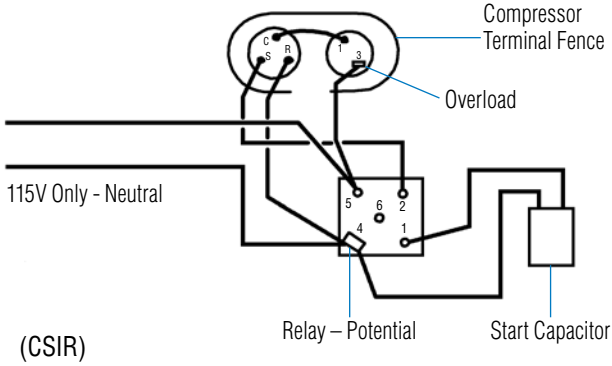



(CSIR)

**NOTE:** Wire to relay as shown regardless of terminal location.

# AJ Models

*Representative photo only*
*Many variations possible*

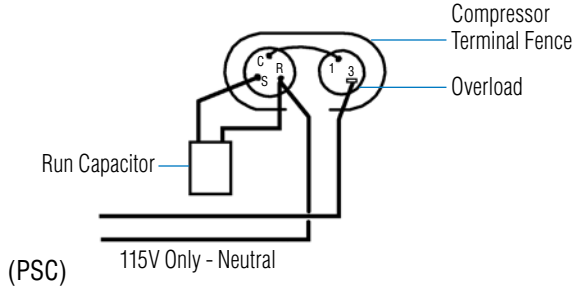



(CSIR)

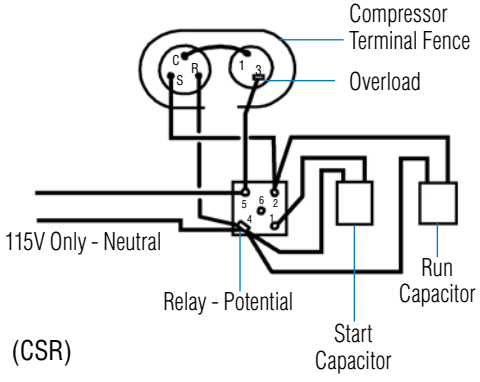
**NOTE:** Wire to relay as shown regardless of terminal location.

# AJ Models

*Representative photo only*
*Many variations possible*




(PSC)

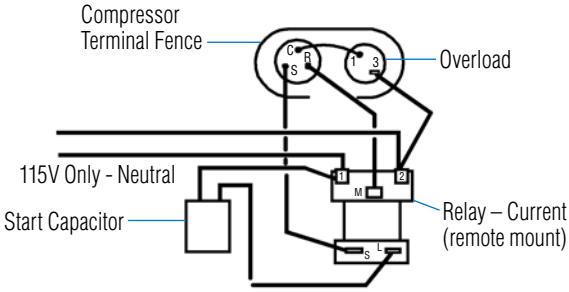



(CSR)

**NOTE:** Wire to relay as shown regardless of terminal location.

# AK Models

*Representative photo only*
*Many variations possible*

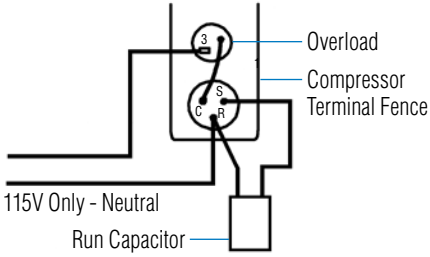



(CSIR)

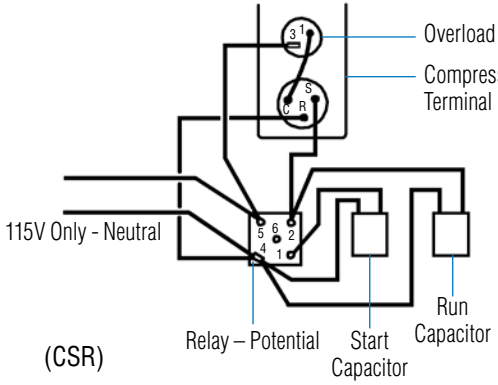
**NOTE:** Wire to relay as shown regardless of terminal location.

# AK Models

*Representative photo only*
*Many variations possible*




(PSC)



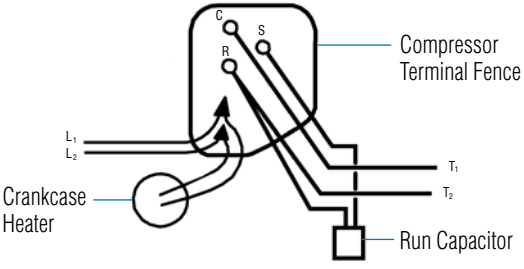

(CSR)

**NOTE:** Wire to relay as shown regardless of terminal location.

# AV Models

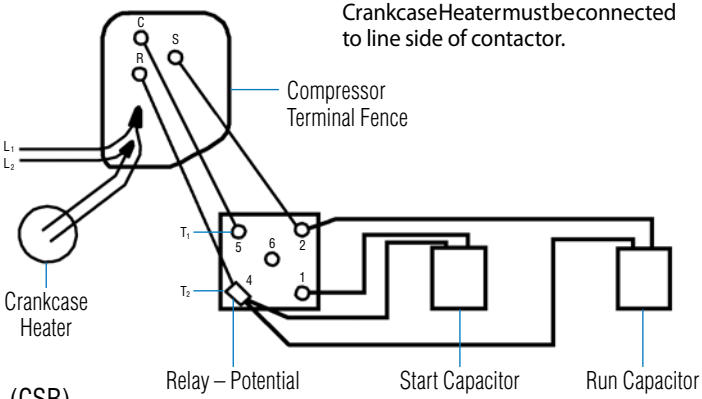
*Representative photo only*
*Many variations possible*

Crankcase Heater must be connected to line side of contactor.



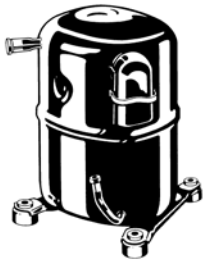

(PSC)

Crankcase Heater must be connected to line side of contactor.

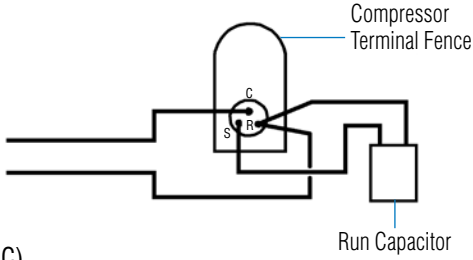



(CSR)

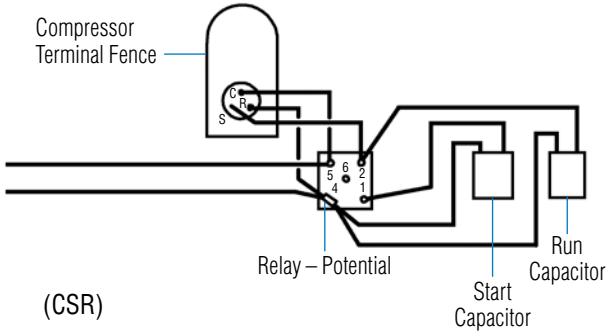
# AW Models



*Representative photo only*
*Many variations possible*




(PSC)

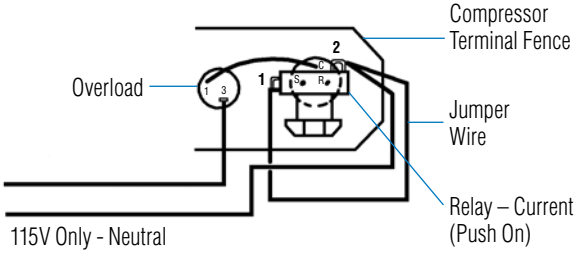



(CSR)

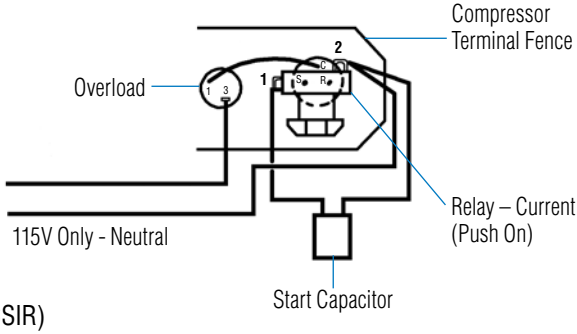
**NOTE:** Wire to relay as shown regardless of terminal location.

# AZ Models

*Representative photo only*
*Many variations possible*



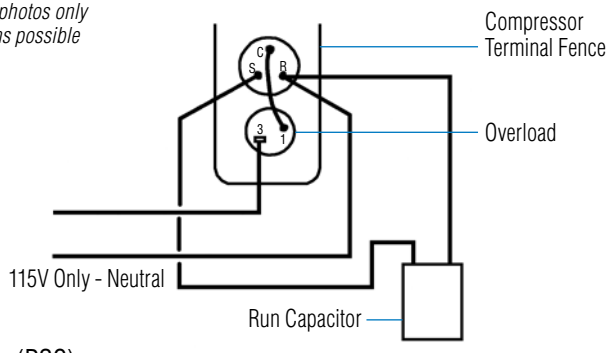

(RSIR)



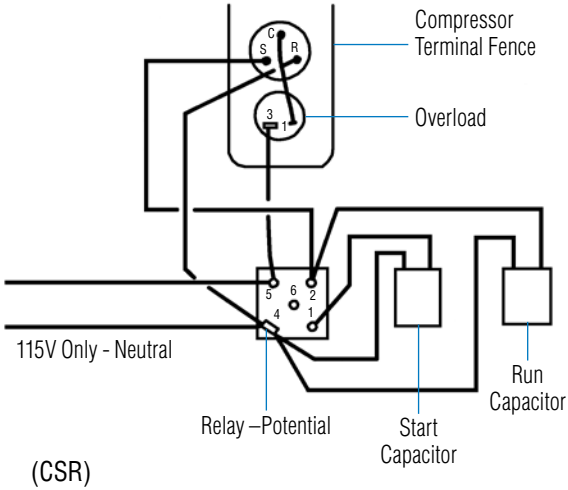

(CSIR)

# RG and RK Models

*Representative photos only*
*Many variations possible*



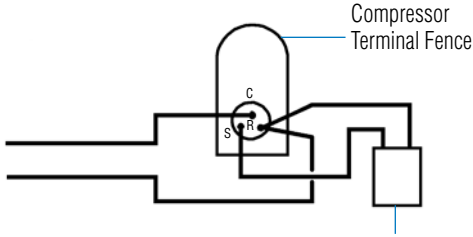

(PSC)



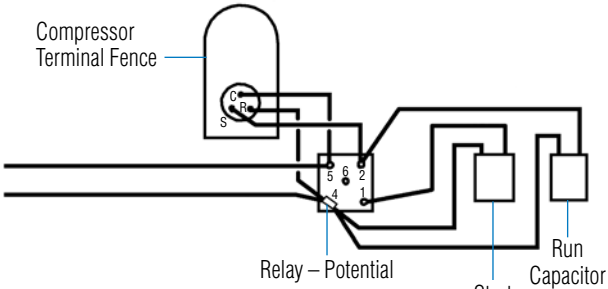

(CSR)

**NOTE:** Wire to relay as shown regardless of terminal location.

# SF Models



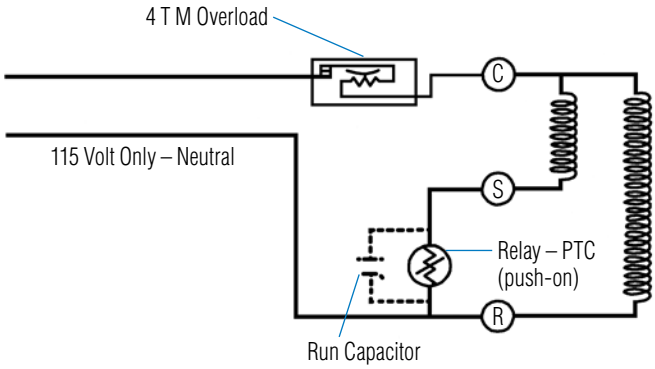

(PSC)




(CSR)

**NOTE:** Wire to relay as shown regardless of terminal location.

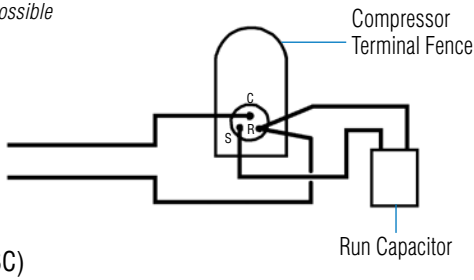
# TP Models



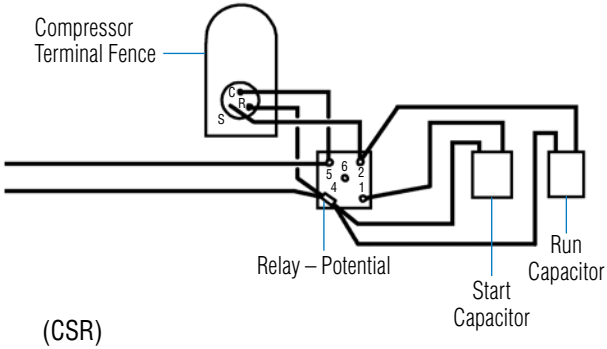

(PTCS-CR)

# AB Models

*Representative photo only*
*Many variations possible*




(PSC)

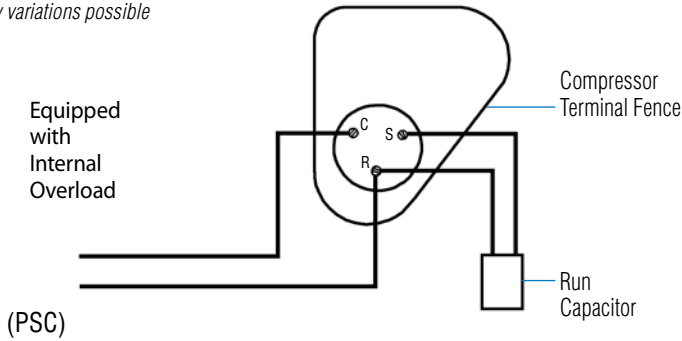



(CSR)

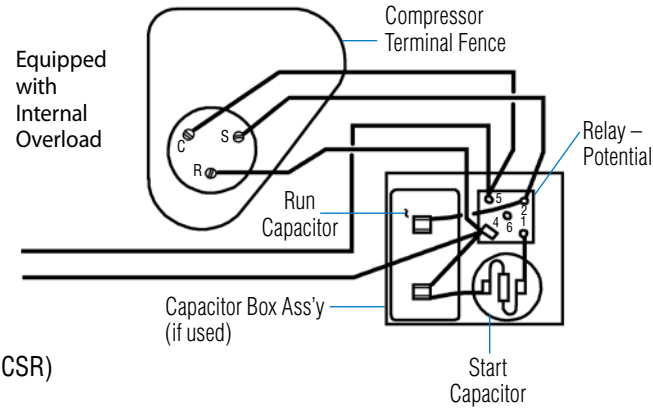
**NOTE:** Wire to relay as shown regardless of terminal location.

# CL Models

*Representative photo only*
*Many variations possible*



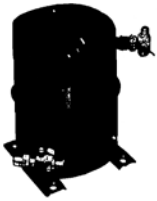

(PSC)



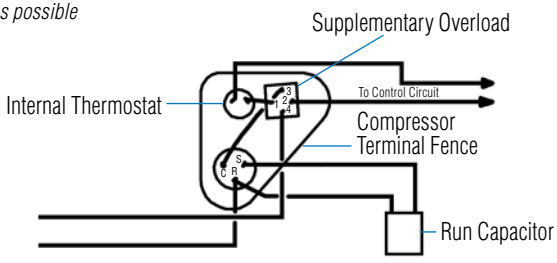

(CSR)

**NOTE:** Wire to relay as shown regardless of terminal location.

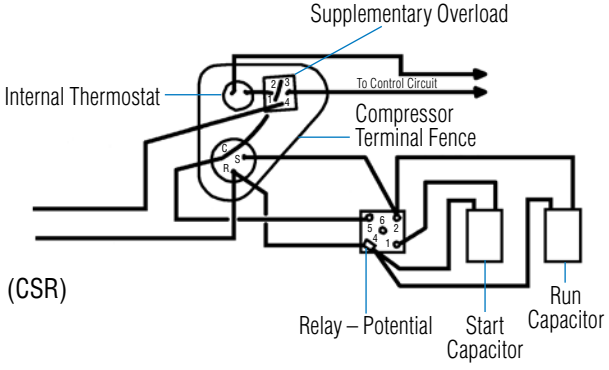
# CL Models



*Representative photo only*
*Many variations possible*



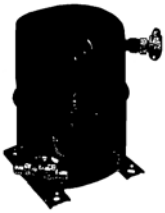

(PSC)



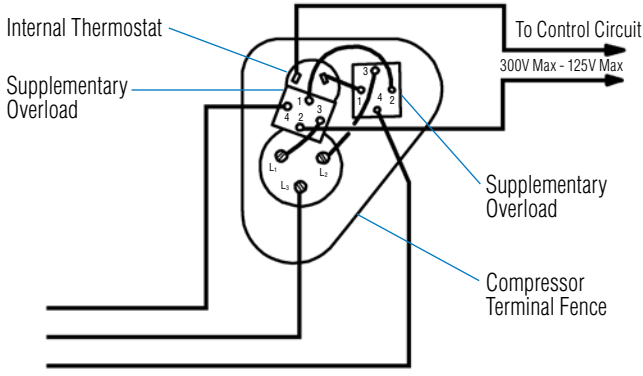

(CSR)

**NOTE:** Wire to relay as shown regardless of terminal location.

# CL Models



*Representative photo only*
*Many variations possible*




(3 Phase)

# Trouble Shooting and Service Chart

| | Complaint | Possible Cause | Repair |
|---|---|---|---|
| A | Compressor will not start - no hum | 1. Line disconnect open.<br>2. Fuse removed or blown.<br>3. Overload protector tripped.<br>4. Control stuck in open position.<br>5. Control off due to cold location.<br>6. Wiring improper or loose. | 1. Close start or disconnect switch.<br>2. Replace fuse.<br>3. Refer to electrical section.<br>4. Repair or replace control.<br>5. Relocate control.<br>6. Check wiring against diagram. |
| B | Compressor will not start - hums but trips on overload protector | 1. Improperly wired.<br>2. Low voltage to unit.<br>3. Starting capacitor defective.<br>4. Relay failing to close.<br>5. Compressor motor has a winding open or shorted.<br>6. Internal mechanical trouble in compressor.<br>7. Liquid refrigerant in compressor. | 1. Check wiring against diagram.<br>2. Determine reason and correct.<br>3. Determine reason and replace.<br>4. Determine reason and correct, replace if necessary.<br>5. Replace compressor.<br>6. Replace compressor.<br>7. Replace compressor. |
| C | Compressor starts, but does not switch off of start winding | 1. Improperly wired.<br>2. Low voltage to unit.<br>3. Relay failing to open.<br>4. Run capacitor defective.<br>5. Excessively high discharge pressure.<br>6. Compressor motor has a winding open or shorted.<br>7. Internal mechanical trouble in compressor (tight). | 1. Check wiring against diagram.<br>2. Determine reason and correct.<br>3. Determine reason and correct, replace if necessary.<br>4. Determine reason and replace.<br>5. Check discharge shut-off valve, possible overcharge, or in-sufficient cooling on condenser.<br>6. Replace compressor.<br>7. Replace compressor. |
| D | Compressor starts and runs, but short cycles on overload protector | 1. Additional current passing through overload protector.<br>2. Low voltage to unit (or un-balanced if three phase).<br>3. Overload protector defective.<br>4. Run capacitor defective.<br>5. Excessive discharge pressure.<br>6. Suction pressure too high.<br>7. Compressor too hot - return gas hot.<br>8. Compressor motor has a winding shorted. | 1. Check wiring diagram. Check for added fan motors, pumps, etc., connected to wrong side of protector.<br>2. Determine reason and correct.<br>3. Check current, replace protector.<br>4. Determine reason and replace.<br>5. Check ventilation, restrictions in cooling medium, restrictions in refrigeration system.<br>6. Check for possibility of mis-application. Use stronger unit.<br>7. Check refrigerant charge (fix leak), add if necessary.<br>8. Replace compressor. |

# Trouble Shooting and Service Chart

| | Complaint | Possible Cause | Repair |
|---|---|---|---|
| **E** | Unit runs OK, but short cycles on | 1. Overload protector.<br>2. Thermostat.<br>3. High pressure cut-out due to:<br>a - Insufficient air/water supply<br>b - Overcharge<br>c - Air in system<br>4. Low pressure cut-out due to:<br>a - Liquid line solenoid leaking<br>b - Compressor valve leak<br>c - Undercharge<br>d - Restriction in expansion device | 1. See D on previous page.<br>2. Differential set too close-widen.<br>3.<br>a -Check air/water supply to condenser - correct.<br>b - Reduce refrigerant charge<br>c -Purge<br>4.<br>a - Replace<br>b - Replace<br>c - Fix leak, add refrigerant<br>d - Replace device |
| **F** | Unit operates long or continuously | 1. Shortage of refrigerant.<br>2. Control contacts stuck or frozen closed.<br>3. Refrigerated or air conditioned space has excessive load or poor insulation.<br>4. System inadequate to handle load.<br>5. Evaporator coil iced.<br>6. Restriction(s) in refrigeration system.<br>7. Dirty condenser.<br>8. Filter dirty. | 1. Fix leak, add charge.<br>2. Clean contacts or replace control.<br>3. Determine fault and correct.<br>4. Replace with larger system.<br>5. Defrost.<br>6. Determine location and remove.<br>7. Clean condenser.<br>8. Clean or replace. |
| **G** | Start capacitor open, shorted, or blown | 1. Relay contacts not operating properly.<br>2. Prolonged operation on start cycle due to:<br>a - Low voltage to unit<br>b - Improper relay<br>c - Starting load too high<br>3. Excessive short cycling.<br>4. Improper capacitor. | 1. Clean contacts or replace relay if necessary.<br>2.<br>a - Determine reason and correct<br>b - Replace<br>c - Correct by using pump down arrangement if necessary<br>3. Determine reason for short-cycle (E above) and correct.<br>4. Determine reason and correct. |
| **H** | Run capacitor open, shorted, or blown | 1. Improper capacitor.<br>2. Excessively high line voltage (110% of rated-max). | 1. Determine correct size and replace.<br>2. Determine reason and correct. |

# Trouble Shooting and Service Chart

| | Complaint | Possible Cause | Repair |
|---|---|---|---|
| I | Relay defective or burned out | 1. Incorrect relay.<br>2. Incorrect mounting angle.<br>3. Line voltage too high or too low.<br>4. Excessive short cycling.<br>5. Relay being influenced by loose mounting.<br>6. Incorrect run capacitor. | 1. Check and replace.<br>2. Remount relay in correct position.<br>3. Determine reason and correct.<br>4. Determine reason (See E on previous page) and correct.<br>5. Remount rigidly.<br>6. Replace with proper capacitor. |
| J | Conditioned space temperature too high | 1. Control setting too high.<br>2. Expansion valve too small.<br>3. Cooling coils too small.<br>4. Inadequate air circulation. | 1. Reset control.<br>2. Use larger valve.<br>3. Add surface area or replace.<br>4. Improve air movement. |
| K | Suction line frosted or sweating | 1. Expansion valve passing excess refrigerant or is oversized.<br>2. Expansion valve stuck open.<br>3. Evaporator fan not running.<br>4. Overcharge of refrigerant. | 1. Adjust valve or replace with smaller valve.<br>2. Clean valve or foreign particles, replace if necessary.<br>3. Determine reason and correct.<br>4. Correct charge. |
| L | Liquid line frosted or sweating | 1. Restriction in filter-drier or strainer.<br>2. Liquid shut-off (king-valve) partially closed. | 1. Replace part.<br>2. Open valve fully. |
| M | Unit noisy | 1. Loose parts or mounting.<br>2. Tubing rattle.<br>3. Bent fan blade causing vibration.<br>4. Fan motor bearings worn. | 1. Find and tighten.<br>2. Reform to be free of contact.<br>3. Replace blade.<br>4. Replace motor. |

When it comes to compressors...

# Think Safety!

**Be alert for sounds of arcing** (sizzling, sputtering or popping) inside the compressor. IMMEDIATELY GET AWAY if you hear these sounds.

**Disconnect ALL electrical power** before removing the protective thermal cover.

**Never energize the system unless:**

- the protective terminal cover is securely fastened and
- the compressor is properly connected to ground

**Never reset a breaker or replace a fuse** without first checking for a ground fault (also known as a short circuit to ground).

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www.tecumseh.com



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