Emerson™
SureSwitch™
Contactor Upgrade

49P11-843
Universal Electronic Replacement
for Mechanical Compressor Contactors

Benefits
• 5x contactor life
• Totally sealed switch to keep out ants and debris
• Microprocessor control nearly eliminates contact welding and pitting
• Ideal install with new Preventative Maintenance contracts
• Compressor is protected from brownouts and short cycling
• Save on pest control treatments

5-Year Limited Warranty
For up to 5 Ton/40 FLA applications

Long-Life Protection
For AC Peace of Mind

White-Rodgers®
Emerson™
SureSwitch™
Contactor Upgrade

Universal Electronic Replacement for Mechanical Compressor Contactors

Features
- Microprocessor controlled sealed compressor switching
- Line voltage brownout protection
- Short cycle protection
- Tricolor LED displays
- Heavy-duty lug connectors
- Zero chatter latching relay
- Four-hole mounting matches mechanical contactors
- Random start delay on power up and brownout recovery
- Compressor test and cycle count by pushbutton

Performance Tested
The sealed SureSwitch has underwent exhaustive testing on Copeland 5-ton scroll compressors to demonstrate ultimate reliability. This technology has been utilized on OEM controls since 2006 and is now available for the Aftermarket.

Terminal Designations

<table>
<thead>
<tr>
<th>24 V</th>
<th>208/240 V</th>
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<tbody>
<tr>
<td>Y C</td>
<td>C R L1 L2</td>
</tr>
<tr>
<td>1/4&quot; Spades</td>
<td>1/4&quot; Spades</td>
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</table>

Recommended Terminal Torque – C, R, L1 and L2
- #4 – 6 AWG ......................................... 45 in-lbs
- #8 AWG ............................................. 40 in-lbs
- #10 – 14 AWG ..................................... 35 in-lbs
24 VAC (Y, C) Terminals are ¼” Male QC’s accepting #12-24 AWG wire

Timings
- Anti-Short-Cycle Delay.....0s or 180s (selectable) at 60 Hz
- 0s or 216s (selectable) at 50 Hz
- Compressor Test .............................. 5s at 60 Hz
- 6s at 50 Hz

Specifications

Electrical Ratings
- Line Voltage Input ...................... 208/240 VAC, 50/60 Hz
- Full Load Amperes (FLA) ......................... 40A
- Locked Rotor Amperes (LRA) .................... 200A
- Control (Coil) Voltage (Y, C) ............... 24 VAC, 50/60 Hz

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LED Flash Codes
- Slow Green ................................. Standby
- Solid Green ................................. Normal
- Fast Green ................................. Delay
- Green / Red ................................. Low Line Volt.
- Green / Yellow / Red.......................... Test

Dimensions
- 2-3/4” W x 2-3/8” H x 3-7/8” L

Operating Temperature Range
- -40° to 158° F (-40° to 70° C)

Humidity Range
5 to 95% relative Humidity (non-condensing)

For Additional Information
EmersonSureSwitch.com
Scan QR Code or visit us at www.white-rodgers.com

SureSwitch requires line voltage for operation and testing

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