SureSwitch™ Multi-Volt Contactor
49M11-843

Multi-Volt design replaces single-phase contactors in A/C and refrigeration

**Complexity Reduction:**
Multi-Voltage coil reduces truck stock and saves time
Service air conditioning and refrigeration applications for 24/120/208/240V

**Increased Reliability:**
5x traditional contactor life, 1M+ cycles
Totally sealed switch keeps out ants, pests, and debris
Patented microprocessor control inhibits arcing that causes welding and pitting
Ideal for high cycle rate systems or applications
Zero chatter latching relay
5 Year limited warranty

**Compressor Protection:**
Short cycle timer prevents oil pressure stress on compressor
Brownout protection avoids low voltage stress on compressor
Ideal for applications with unstable or low supply voltage

**DID YOU KNOW?**
The Multi-Volt coil design allows the SureSwitch to replace the following 1 and 1-1/2 pole, plus most 2 pole contactors.

<table>
<thead>
<tr>
<th>COIL VOLTAGE</th>
<th>FLA</th>
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<tbody>
<tr>
<td>24 VAC 50/60Hz - 1Φ</td>
<td>30A</td>
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SureSwitch™ Multi-Volt Contactor Upgrade
Universal multi-voltage electronic replacement for definite purpose contactors

SEALED RELAY CONSTRUCTION
The internal compressor relay is completely sealed from insects and debris.

THE SURESWITCH PROVIDES 5X LONGER CONTACTOR LIFE
The SureSwitch uses microprocessor controlled switching algorithms that reduce arcing, virtually eliminating contact pitting and welding.

SPECIFICATIONS:
Electrical Ratings
Line voltage input .................. 120/208/240 VAC, 50/60 Hz
Full load amperes ............................................(FLA) 40A
Locked rotor amperes .......................(LRA) 200A
Control (Coil) voltage ....................... (Y-C) 24 VAC, 50/60 Hz
...........................................(Line-C) 120/208/240 VAC, 50/60 Hz
For 2 Pole applications if local electrical codes are met

Coil Terminals
1/4” male QC’s accepting #12-24 AWG wire

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

Agency
UL Recognized to UL60730-1

TERMINAL DESIGNATIONS:

Coil Details
For voltage over 100 VAC: Connect line level control voltage to “Line”, connect neutral or opposite leg to “Common.”
For class 2 24VAC: Connect 24V control voltage to “Y”, connect 24V ground to “Common.”

1/4” QUICK CONNECT FOR ACCESSORIES
- Hard Start
- Crank case heater
- Capacitor
- Fan Common

LED FLASH CODES
- Slow Green: Standby
- Solid Green: Normal
- Fast Green: Delay
- Green/Red: Low Line Voltage
- Green/Yellow/Red: Test

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