# WRS SERIES
## PHASE CONTROL RELAY
UL listed  CSA recognized

- Monitors
  - Phase Sequence
  - Loss of Any Phase
- LED Indicator
- 10 Amp SPDT Output
- Low Cost

### MODE OF OPERATION:

<table>
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<tr>
<th>RST</th>
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The WRS Phase Control Relay monitors the sequence loss or reversal of three phase power supplies. The output relay is energized when the phase sequence is correct and is de-energized when the phase sequence is wrong or one phase is lost.

### SPECIFICATIONS:

- **Input Power Directly**
  - 3 x 220 60 Hz
  - 3 x 380 60 Hz
  - 3 x 440 60 Hz
- **from controlled voltage ±15%**
  - 3 x 220 60 Hz
  - 3 x 440 60 Hz
- **Power consumption**
  - 3 VA at 220 V
- **Output**
  - SPDT relay
- **Contact material**
  - AgCdO
- **Maximum Loading**
  - 10 AC resistive
  - 1 A SC inductive
- **Maximum switching voltage**
  - 250 VAC
  - 250 VDC
- **Relay max. power rating**
  - 2200 VA
  - 30 W
- **Mechanical life of relay**
  - 30 x 10^6 operations
- **Electrical life of relay**
  - 2 x 10^6 operations at 2200 VA resistive load
- **Operating temperature**
  - +14°F to +140°F
  - -10°C to +60°C
- **Weight**
  - 7 oz. (200g)

### MOUNTING:

- **D** = DIN-rail mounting or panel mounting
- **L** = 11 pin plug-in
- **P** = 8 pin plug-in

### ORDERING INFORMATION:

<table>
<thead>
<tr>
<th>WRS SERIES</th>
<th>380 INPUT POWER</th>
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<tbody>
<tr>
<td>DWRS</td>
<td>11 12 14 R S T</td>
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<tr>
<td>LWRS</td>
<td>1 4 3 5 6 7</td>
</tr>
<tr>
<td>PWRS</td>
<td>1 2 8 3 4 5</td>
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### WIRING DIAGRAM:

![Wiring Diagram](image)

The WIRING DIAGRAM illustrates the connection points for the phase control relay. The diagram shows the correct phase sequence and the points at which the relay is energized and de-energized under different conditions.

Products and specifications subject to change without notice.

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