XR3p
Phase Converter Panel Data Sheet

Get the same long-proven performance of TEMCo’s Best Selling
POWER-WAVE Phase Converter line in a Panel!

TEMCo’s POWER-WAVE XR-p line of phase converter panels enlist
the same proven and rugged design used in the POWER-WAVE
Rotary Phase Converter line in the money saving option of a
"panel-only" offering.

Just supply your own 3 phase idler motor motor and connect it
to the dedicated terminals indicated in the connections
compartment. It's That SIMPLE!

XR-p Proven Quality - Dedicated Design - Proven Performance:
Since 1968, TEMCo has been refining it's offerings to meet the
popular demands of customers big and small. We understand
more than most, that quality costs. We are able provide the
refined and proven design features that come with the XR-p as a
result of the shear volume produced in the parent XR Rotary
Phase Converter line.
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**Specifications**

**Idler Motor Required:**
- 5 HP or 3 kW
- 1800 or 3600 RPM
- 208-240 Volts

Model Number: XR3p
- HP: 5
- kW: 3
- Hz: 60

**1-Phase Input**
- Amps: calculated based on three phase load x 1.732
- Voltage: 208-240
- Circuit Protection - 20 A
- Input Wire Size: 14 AWG

**3-Phase Output**
- Voltage: = input voltage
- Phase Shift: 120°
- Configuration: Delta

**Load Ratings**
- CNC Loads & Electronic Loads - kW: 2.1 / Amps: 7.0
- Resistive Loads - Amps: 10
- Motor Loads (max HP start or run) - Easy: 3.3 / Medium: 2.5 / Hard: 1.7

**Technical Specifications**
- Duty Cycle: 100%
- Use: Continuous
- Sound Level (Panel): 0 dBA, measured from 7 meters.
- Sound Level (Idler Motor): Dependant user supplied unit
- Enclosure Rating: NEMA 1
- Dimensions (product): 7" L x 10" W x 8" H.
- Weight (shipping): 15 lbs.

Specifications and dimensions may vary or change without notice. Please contact a TEMCo representative for certified drawings and information.
**Wiring Diagram**

**TEMCo CIRCUIT PROTECTION PANEL**

<table>
<thead>
<tr>
<th>Model</th>
<th>Part No.</th>
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</thead>
<tbody>
<tr>
<td>XR2p</td>
<td>SL015</td>
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<tr>
<td>XR3p</td>
<td>SL020</td>
</tr>
<tr>
<td>XR5p</td>
<td>SL030</td>
</tr>
<tr>
<td>XR7p</td>
<td>SL035</td>
</tr>
</tbody>
</table>

**REQUIRED TEMCo RVI**

<table>
<thead>
<tr>
<th>Model</th>
<th>RVI Part No.</th>
</tr>
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<tbody>
<tr>
<td>XR2p</td>
<td>RVI501</td>
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<tr>
<td>XR3p</td>
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<td>XR5p</td>
<td>RVI502</td>
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<tr>
<td>XR7p</td>
<td>RVI503</td>
</tr>
</tbody>
</table>

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**A**

Single Phase TEMCo MAG Starter, Fused Disconnect, or Circuit Breaker: Refer to technical specifications for sizing. For optimal protection, device setting(s) should be based on minimum requirements of three phase load converted to single phase (3-phase load amps x 1.732) but not lower than recommendation in technical specifications.

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**B**

Single phase supply conductors should be based on circuit protection rating as required by NEC.

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**C**

Three phase output conductors should be based on circuit protection as required by NEC and the requirement of the there phase load equipment.

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**D**

Three phase TEMCo MAG Starter, Fused Disconnect, or Circuit Breaker. Refer to three phase load equipment specifications for sizing details.
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Dimensional Diagram
All dimensions in inches.

3/4 and 1 Electric Knock Outs (EKO)

Mount Location

.225

.400

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