FEATURES

NEMA 1 steel enclosure

One or two pressure switch operation

Auxiliary contacts - may be used for chemical feed pumps.

Includes: Two hand-off-auto switches, two pump run lights, alternator circuit and terminal blocks for external wiring connections.

**Single Phase Features:**
- Two motor contactors
- 1/3 - 5 HP, 115/230, 230V

**Three Phase Features:**
- NEMA rated, class 14 starters
- Adjustable overloads – no heaters needed
- Phase loss protection - the starter protects against single-phasing
- Expanded horsepower range coverage

AWA Alternator Panels

FOR SUBMERSIBLE AND CENTRIFUGAL PUMPS
## Residential Water Systems

### CentriPro

#### THREE PHASE

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Amp Range</th>
<th>Maximum HP</th>
<th>Voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td>AWA22510</td>
<td>2.5 - 10</td>
<td>2</td>
<td>200-230</td>
</tr>
<tr>
<td>AWA20918</td>
<td>9 - 18</td>
<td>3</td>
<td>200-230</td>
</tr>
<tr>
<td>AWA21327</td>
<td>13 - 27</td>
<td>7.5</td>
<td>200-230</td>
</tr>
<tr>
<td>AWA42510</td>
<td>2.5 - 10</td>
<td>5</td>
<td>460/575</td>
</tr>
<tr>
<td>AWA40918</td>
<td>9 - 18</td>
<td>10</td>
<td>460/575</td>
</tr>
</tbody>
</table>

#### APPLICATIONS

Duplex alternator panel may be used to alternate two submersible or centrifugal pumps.

1. Use one switch for a simple alternating system
2. Use two switches when the system is required to:
   - Alternate two pumps and start the second pump in the event the first pump cannot meet the system demand.

Auxiliary contacts allow the operation of one or two chemical feed pumps, such as chlorine or ozone injectors.

### SINGLE PHASE

<table>
<thead>
<tr>
<th>Model No.</th>
<th>HP</th>
<th>Volts</th>
</tr>
</thead>
<tbody>
<tr>
<td>AWA501</td>
<td>½ - 3</td>
<td>115/230</td>
</tr>
<tr>
<td>AWA502</td>
<td>5</td>
<td>230</td>
</tr>
</tbody>
</table>

### OPTIONS

- NEMA 3R enclosure
- NEMA 4X enclosure
- Condensation heaters
- Elapsed time meters (2)
- Cycle counters (2)

① Enclosures listed above are dead-front type. All switches and indicator lights would be mounted inside of panel on permanent mounting bracket.

Custom panels are available for larger motors.

Please fax requests with required enclosure ratings, HP, voltage, phase and any special requirements to Technical Support at (315) 568-7644.
WIRING DIAGRAMS AWA501 / AWA502

FACTORY WIRED FOR 230 VAC. FOR 115 VAC POWER SUPPLY, WIRE HOT LEG TO (L1) AND NEUTRAL TO (L2), JUMP (L2) TO (N).

A 230 VOLT SYSTEM REQUIRES A 4 WIRE POWER SUPPLY LINE L1, L2, N AND GND. WITHOUT A NEUTRAL THE CONTROL CIRCUIT WILL NOT WORK.

TO CHEMICAL FEED PUMP