



# AWA Alternator Panels

FOR SUBMERSIBLE AND CENTRIFUGAL PUMPS

### 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

$\frac{1}{3}$  - 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

### SINGLE PHASE

| Model No. | HP                | Volts   |
|-----------|-------------------|---------|
| AWA501    | $\frac{1}{3}$ - 3 | 115/230 |
| AWA502    | 5                 | 230     |

### OPTIONS

|                             |                                                              |
|-----------------------------|--------------------------------------------------------------|
| A = NEMA 3R enclosure ①     | Please request a quote for a panel with any of these options |
| B = NEMA 4X enclosure ①     |                                                              |
| D = Elapsed time meters (2) |                                                              |

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

### THREE PHASE

| Model No. | Amp Range | Maximum HP | Voltage |
|-----------|-----------|------------|---------|
| AWA22510  | 2.5 - 10  | 2          | 200-230 |
| AWA20918  | 9 - 18    | 3          | 200-230 |
| AWA21327  | 13 - 27   | 7.5        | 200-230 |
| AWA42510  | 2.5 - 10  | 5          | 460/575 |
| AWA40918  | 9 - 18    | 10         | 460/575 |

### APPLICATIONS

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

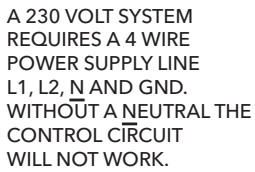
1. Use one switch for a simple alternating system
2. Use two switches when the system is required to:  
Alternate two pumps and start the second pump in the event the first pump cannot meet the system demand.

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

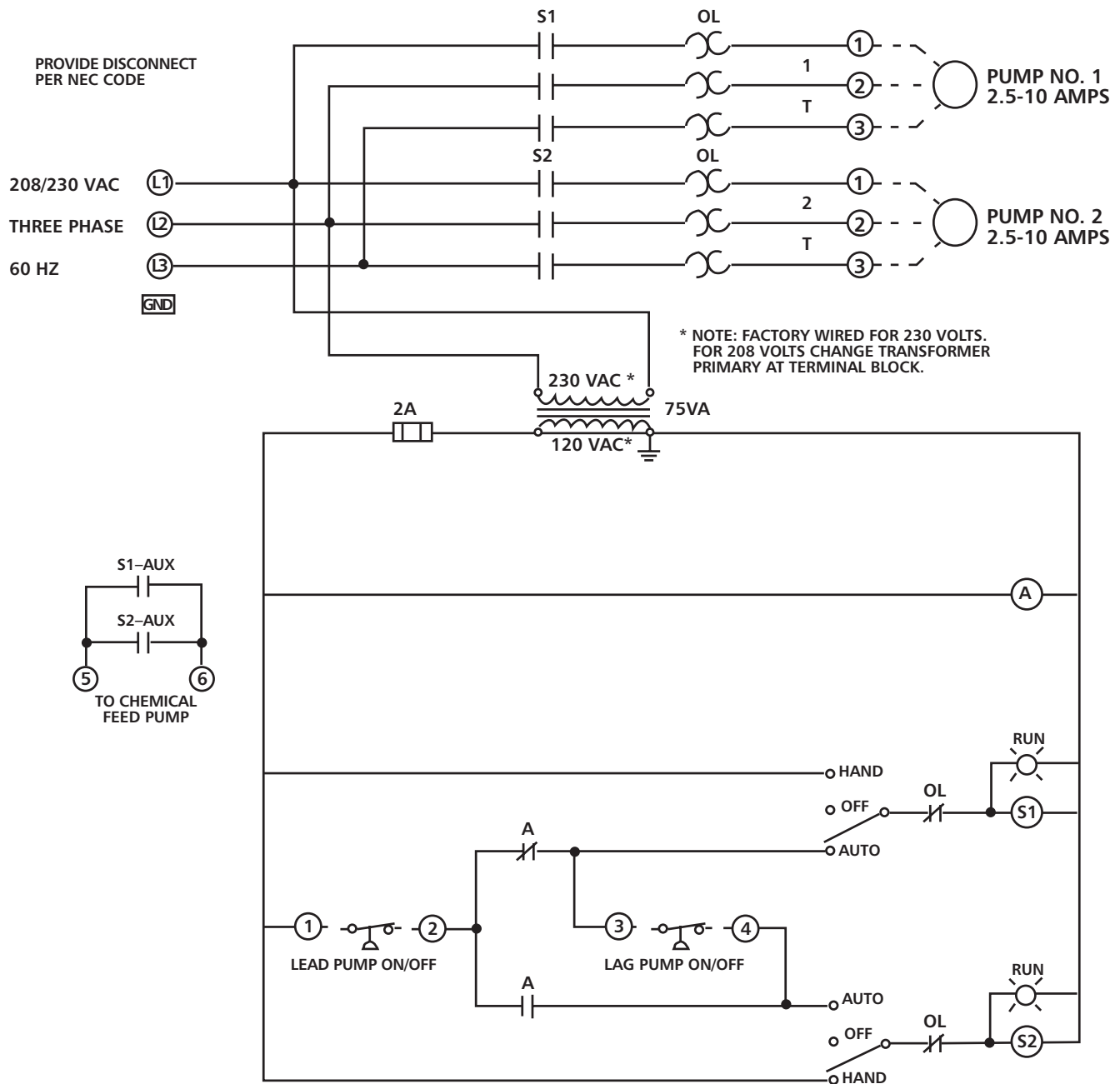
### Custom panels are available for larger motors.

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

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



## WIRING DIAGRAMS AWA 3 Phase



**xylem**  
Let's Solve Water

Xylem Inc.  
2881 East Bayard Street Ext., Suite A  
Seneca Falls, NY 13148  
Phone: (866) 325-4210  
Fax: (888) 322-5877  
[www.xylem.com/goulds](http://www.xylem.com/goulds)

Xylem is a registered trademark of Xylem Inc. or one of its subsidiaries. Goulds is a registered trademark of ITT Manufacturing Enterprises LLC and is used under license. All other trademarks or registered trademarks are property of their respective owners.  
© 2023 Xylem Inc. BCPALT R5 March 2023