



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

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.

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.

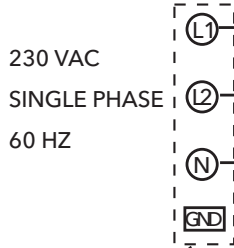
Auxiliary contacts allow the operation of one or two chemical feed pumps, such as chlorine or ozone injectors.

Custom panels are available for larger motors.

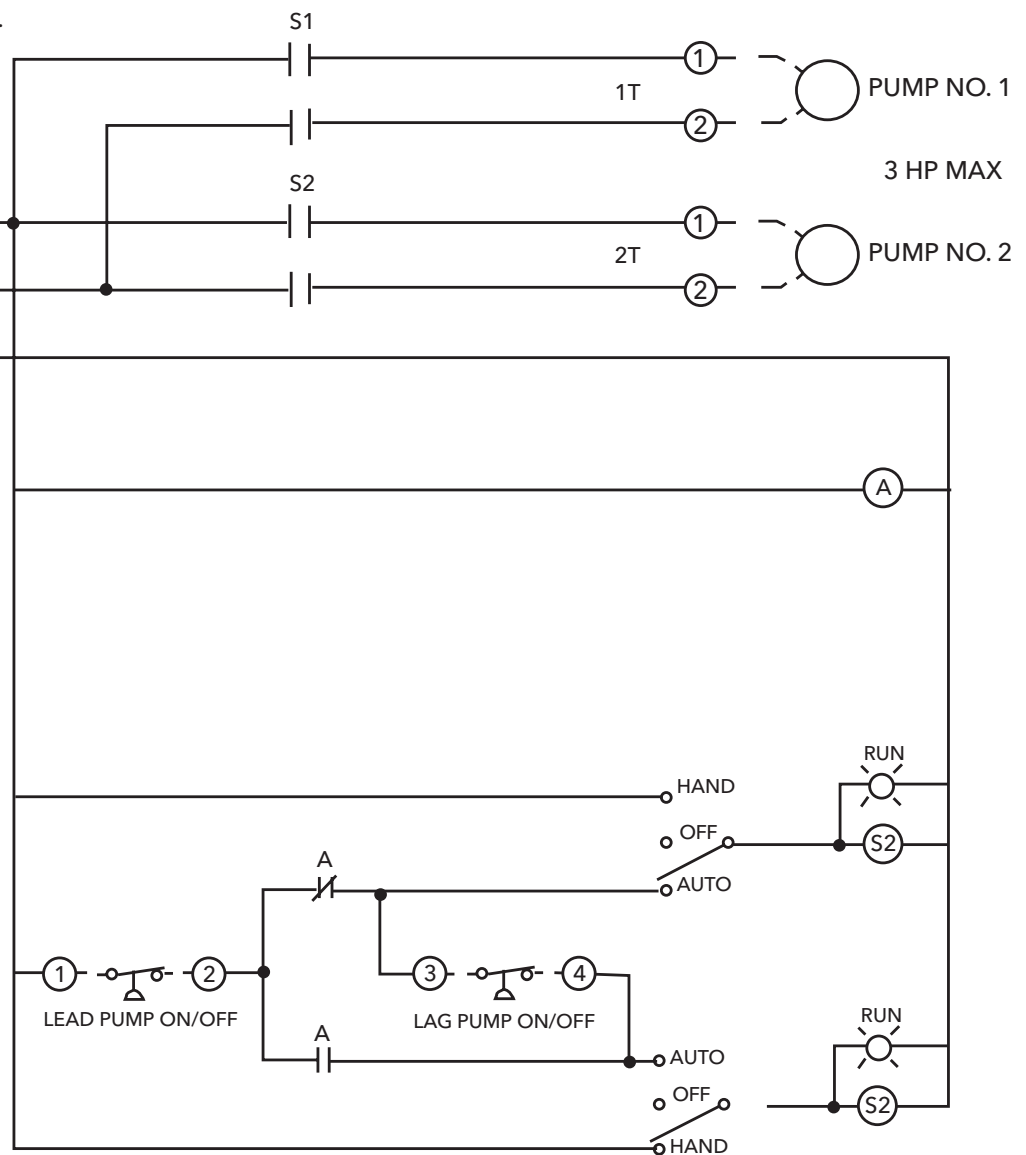
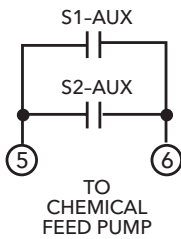
Please fax requests with required enclosure ratings, HP, voltage, phase and any special requirements to Technical Support at (315) 568-7644.

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.



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- 1) The tissue in plants that brings water upward from the roots;
- 2) a leading global water technology company.

We're a global team unified in a common purpose: creating advanced technology solutions to the world's water challenges. Developing new technologies that will improve the way water is used, conserved, and re-used in the future is central to our work. Our products and services move, treat, analyze, monitor and return water to the environment, in public utility, industrial, residential and commercial building services settings. Xylem also provides a leading portfolio of smart metering, network technologies and advanced analytics solutions for water, electric and gas utilities. In more than 150 countries, we have strong, long-standing relationships with customers who know us for our powerful combination of leading product brands and applications expertise with a strong focus on developing comprehensive, sustainable solutions.

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