

IS WS SERIES® CONTROL PANELS

Overview:

See Water offers a complete line of premium Intrinsically Safe WS Series® pump control panels. The panels provide intrinsically safe circuit extensions and control one (simplex) or two (duplex) pumps for use in hazardous locations. All systems come standard with NEMA 4X enclosures, visual pump and alarm status indicator(s), HOA toggle switch(es) and auxiliary contacts to communicate with building management systems or dialers.

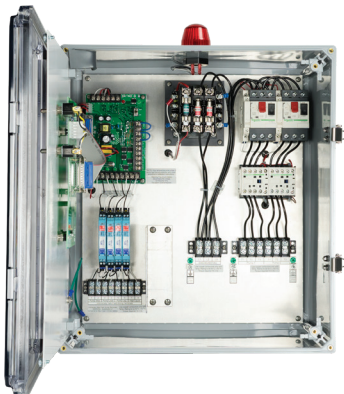
Features:

- Industrial pump control panel that is UL 698A approved
- Indoor/outdoor NEMA 4X heavy duty polycarbonate enclosure with clear front and lockable latches
- Remote monitoring dry contacts: high liquid, pump(s) run, pump #1 fault, and pump #2 fault
- High demand two pump operation and pump alternation (Duplex only)
- Upgraded pump protection: motor protective switch(es) included for pump(s) (branch circuit protection, adjustable overload and disconnect), and thermal cutout with indicators.
- Pump control visible indicators: pump hand-off-auto (H.O.A.) switch(es), green pump run light(s), red pump fault light(s) and green power on light
- Low amp narrow angle floats with 20' cords



Applications:

- Hazardous locations classified as Class 1, Groups A,B,C & D
- Sewage pump chambers, grinder pumps, sump pump basins, and lift stations



Your Trusted Source for Quality Control Panels.®

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Simplex Single Phase: 120/208/240VAC

Models	Pump Full Load Amp Rating
IS-WS1P-TP-1001	0-7.0 FLA
IS-WS1P-TP-1002	7.0-15.0 FLA
IS-WS1P-TP-1003	15.0-22.0 FLA
IS-WS1P-TP-1004	22.0-28.0 FLA
IS-WS1P-TP-1005	28.0-36.0 FLA

Note: Thermal overload protection is generally provided in single phase pumps. To request a specific overload on the single phase models, contact the factory. Each panel includes a motor protective switch that will provide accurate pump circuit breaker protection

Duplex Single Phase: 120/208/240VAC

Models	Pump Full Load Amp Rating
IS-WD1P-4-1021	0.0-7.0 FLA
IS-WD1P-4-1022	7.0-15.0 FLA
IS-WD1P-4-1023	15.0-22.0 FLA
IS-WD1P-4-1024	22.0-28.0 FLA
IS-WD1P-4-1025	28.0-36.0 FLA

Note: Thermal overload protection is generally provided in single phase pumps. To request a specific overload on the single phase models, contact the factory. Each panel includes a motor protective switch that will provide accurate pump circuit breaker protection

Simplex Three Phase: 208/240/480VAC

Models	Pump Full Load Amp Rating
IS-WS3P-TP-3001	1.0-1.6 FLA
IS-WS3P-TP-3002	1.6-2.5 FLA
IS-WS3P-TP-3003	2.5-4.0 FLA
IS-WS3P-TP-3004	4.0-6.3 FLA
IS-WS3P-TP-3005	6.0-10.0 FLA
IS-WS3P-TP-3006	9.0-14.0 FLA
IS-WS3P-TP-3007	13.0-18.0 FLA
IS-WS3P-TP-3008	17.0-23.0 FLA
IS-WS3P-TP-3009	20.0-25.0 FLA
IS-WS3P-TP-3010	24.0-32.0 FLA
IS-WS3P-TP-3011	30.0-40.0 FLA
IS-WS3P-TP-3012	37.0-50.0 FLA
IS-WS3P-TP-3013	48.0-65.0 FLA

Duplex Three Phase: 208/240/480VAC

Models	Pump Full Load Amp Rating
IS-WD3P-4-3021	1.0-1.6 FLA
IS-WD3P-4-3022	1.6-2.5 FLA
IS-WD3P-4-3023	2.5-4.0 FLA
IS-WD3P-4-3024	4.0-6.3 FLA
IS-WD3P-4-3025	6.0-10.0 FLA
IS-WD3P-4-3026	9.0-14.0 FLA
IS-WD3P-4-3027	13.0-18.0 FLA
IS-WD3P-4-3028	17.0-23.0 FLA
IS-WD3P-4-3029	20.0-25.0 FLA
IS-WD3P-4-3030	24.0-32.0 FLA
IS-WD3P-4-3031**	30.0-40.0 FLA
IS-WD3P-4-3032**	37.0-50.0 FLA
IS-WD3P-4-3033**	48.0-65.0 FLA

** Includes main disconnect

Custom Options:

AF = Alarm Flasher	AH = Anti Condensation Heater
LL = Low Level Alarm	PM = Phase Monitoring
SFD = Seal Failure Circuit w/ indicator lights	MD = Main Disconnect
ETD = Elapsed Time Meter w/ LCD display & reset	FMD = Fused Main Disconnect
CCD = Cycle Counter w/ LCD display & reset	S3 = No floats option
D1 = 120V Dry Contacts	28 = Power On Dry Contact
OP = Opaque front door	24 = Pump Exerciser
ST = Upgraded enclosure (Stainless Steel)	C = Additional cord length greater than 20':
LA = Lightning Secondary Surge Arrestor	Specify after C. Example:(IS-WD3P-4-3021-C50)
	Indicates 50' cord lengths for all floats

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