



ITT

BCPA3

Wastewater

CentriPro

A3 SIMPLEX WASTEWATER CONTROL PANELS



CentriPro is a brand of ITT Corporation.

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CentriPro

A3 Simplex Wastewater Control Panels

SINGLE PHASE

Provides automatic or manual pump operation for single phase systems. Overload protection must be provided by the pump.

Model No.	Horsepower	Amps	Volts
A3-2012	1/3–2	up to 20	115/208/230
A3-3512①	3 & 5	20-36	208/230

① Use these panels only with pumps that have built-in capacitors and overloads.

- Single phase, 60 Hz.
- NEMA 1 steel enclosure standard.
- Includes: contactor, hand-off auto switch, run light and terminal block for wiring connections.
- May be used on 1/3 through 5 HP pumps.
- Separate level control switch(es) required.



**SINGLE PHASE
MAGNETIC CONTACTOR**

Enclosure Options – if options are required please order the panel as A3- ----SPL followed by the desired options listed in numeric order on your purchase order. If more than a few options are needed please complete and fax us a Panel Quote Request Form along with the engineer's (end user's) written specifications. It is usually less expensive to quote custom panels than to add several options to a standard panel.

OPTIONAL ENCLOSURES

	Rating	Construction	Order No.
Simplex Enclosures	NEMA 3R	Steel, Hinged Door	3110
	NEMA 4	Steel, Hinged Door	3120
	NEMA 4X	Fiberglass, Hinged Door	3130
	NEMA 12	Steel, Hinged Door	3140

NOTE: Enclosures listed above are dead-front type, all switches and indicator lights would be mounted inside of panel on permanent mounting bracket.

OPTIONS

	Order No.
1. Through door mounted H-O-A switch and run light. (Provides access without opening enclosure, standard on NEMA 1 panels.) A. NEMA 3 / 3R / 4 / 4X / 12	3200
2. Inner door (hinged) on dead-front panel. (Provides access to switches without hazard of entering actual panel.)	3240
3. Locking hasp. (Adder for NEMA 1 panels, hasp is standard on all others.)	3250

THREE PHASE

Provides automatic or manual pump operation, and three leg motor protection for three phase systems. Select panel by maximum amp draw and voltage.

Model No.	Amp Range	Volts
A32510	3-12	All
A30918	5.5-22	All
A31327	10-40	All

- Three phase, 60 Hz.
- NEMA 1 steel enclosure standard.
- Class 48, NEMA Rated Starter with ESP200 solid-state, Class 5, 10, 20, 30, adjustable overloads. The ESP200 solid-state, adjustable overload also provides protection against phase-loss or single-phasing, and phase on balance.
- Hand / Off / Auto switch.
- Run light.
- 115V transformer for pilot circuit.
- Terminal block.

Heaters are no longer required.



**THREE PHASE
MAGNETIC STARTER**



POWER EQUIPMENT

	Order No.
Main and control circuit breakers (Standard simplex panels do not contain breakers.)	
Single phase, 115/230 V	3600
Three phase, 208/230 V	3610
Three phase, 460/575 V	3620

* Consult factory for options not listed.

ALARM CIRCUITS

	Order No.
1. High-level alarm circuit. (Provides alarm circuit in simplex panel. Choose alarm device to complete the system.)	3300
2. Guaranteed pump submergence circuit with low level alarm. (Overrides manual and automatic operation of pumps)	3320
3. Extra set of dry contacts. (Used for signal of remote alarm device.)	Call Factory
4. Seal failure circuit with indicator light. (Monitors moisture sensor on dual seal pumps.) A. Circuit built in A3 panel	3350
B. Circuit in separate NEMA 3/3R enclosure. (Used in conjunction with existing panel.)	A4-3
5. Low voltage, phase loss and reversal circuit. (Three phase only, stops pumps and closes non-powered contacts.)	208–230 V operation 3360
	460 V operation 3370
6. Simplex Mini CAS, seal fail and high temp. (control and status) circuit for 1GA, 2GA and 15GDS/GXS or 20GDS/GXS	3805

ALARM DEVICES

Can be added to simplex or duplex controllers. Requires option 3300.

		Order No.
4" bell (90 db @ 10 Ft.)	NEMA 1	6400
	NEMA 3R/4/4X/12	6420
Horn (101 db @ 10 Ft.)	NEMA 3R/4/4X/12	6450
Flashing red light Lexan	NEMA 1/3R/4/4X/12	6480
8. Remote alarm panel (includes: 4" bell silencer switch, and indicator light; rated NEMA 3/3R).		6500
A. Alarm requiring separate power 115 V power supply. (Signaled by dry contacts in main panel. Requires 3340.)		
B. Alarm to be powered by main panel. (Signaled by powered contacts in main panel. Requires 3330.)		6510
Remote alarm light in separate NEMA1 enclosure (requires 115 V supply).		6515

NOTE: When ordering alarm devices, please note desired voltage and mounting location; top, side, front, etc.

ADDITIONAL ACCESSORIES

	Order No.
1. Condensation heater – 115 V	3710
2. Elapsed time meter. (Mounted inside cabinet indicates pump run time.)	3740
3. Cycle counter. (Mounted inside cabinet indicates number of pump starts.)	3750
4. Intrinsically safe controls. (One required for each float.)	3760
5. Test push buttons. (Overrides float switches to simulate operation of level controls.)	A. NEMA 1
	B. NEMA 3/3R/4
6. Lightning arrestor	Single phase
	Three phase
7. Convenience outlet (115 V GFI) with circuit breaker protection, mounted internally, choose according to power supply (phase).	Single phase panels
	Three phase panels
	15 amp includes 1.5 KVA transformer



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