

Duplex Pump Panel

Reliable Duplex Pump Control for Demanding Water Applications



The Winsupply duplex pump control panel is a full featured pump controller designed for operation of two three phase pumps in any water removal application (sewage, groundwater, septic systems, etc.). The control panel is built in a rugged type 4X industrial thermoplastic enclosure to withstand harsh environments. It includes features not found standard in panels manufactured by others including a full inner door to provide an additional level of safety to owners and operators and a display with plain English system status and adjustments. The system is provided with the ability to designate a lead pump or to alternate automatically. In the event of an alarm, a warning light and/or horn will activate depending on the severity and alarm method selected. Alarms include high water level, lag pump run, float switch out of sequence, excess run time, excess time left "off", pump overload and optional seal failure.

Features:

- NEMA / UL type 4X thermoplastic enclosure (16H x 14W x 8D inches), pad lockable
- Full aluminum inner door protects against accidental electrical component contact
- IEC rated motor contactors
- IEC rated manual motor protectors (circuit breaker) with adjustable overload settings and rated for motor disconnect and branch circuit protection
- Multi-volt 24 volt power supply to function with any power supply voltage without setting of internal wiring or jumpers. Power supply fed by a circuit breaker; no fuses to burn out. No high voltage components used.
- Logic controller to sequence pumps and control alarm function
 - Select between 3-float, 4-float, and two separate non-alternating control methods
- Input for pump thermostats standard with jumpers installed for when not required
- Operator interface screen mounted on inner door

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- Multiple screen pages to give clear information
- Indication of float status
- Indication of pump being in hand, off or auto, lead or lag, running or off, and if tripped
- Pump start counter and hour meter
- Pump Hand-Off-Auto and Service Off selector
- Pump 1 Lead-Alternate-Pump 2 Lead selector
- Active alarm reading in plain English
- Alarm test and horn silence button
- Most recent 4 alarms logged (resettable)
- Adjustment of system operational parameters
 - Alarm light function, alarm horn function, excess run time, excess off time, seal failure indication (optional)
- Red alarm light with selectable blink or steady on depending on alarm condition
- Alarm horn with selectable functionality depending on alarm condition
- Terminal blocks for all field wiring
- Ground lugs for both pump connections and incoming power wiring
- Auxiliary alarm output
- UL 508A labeled

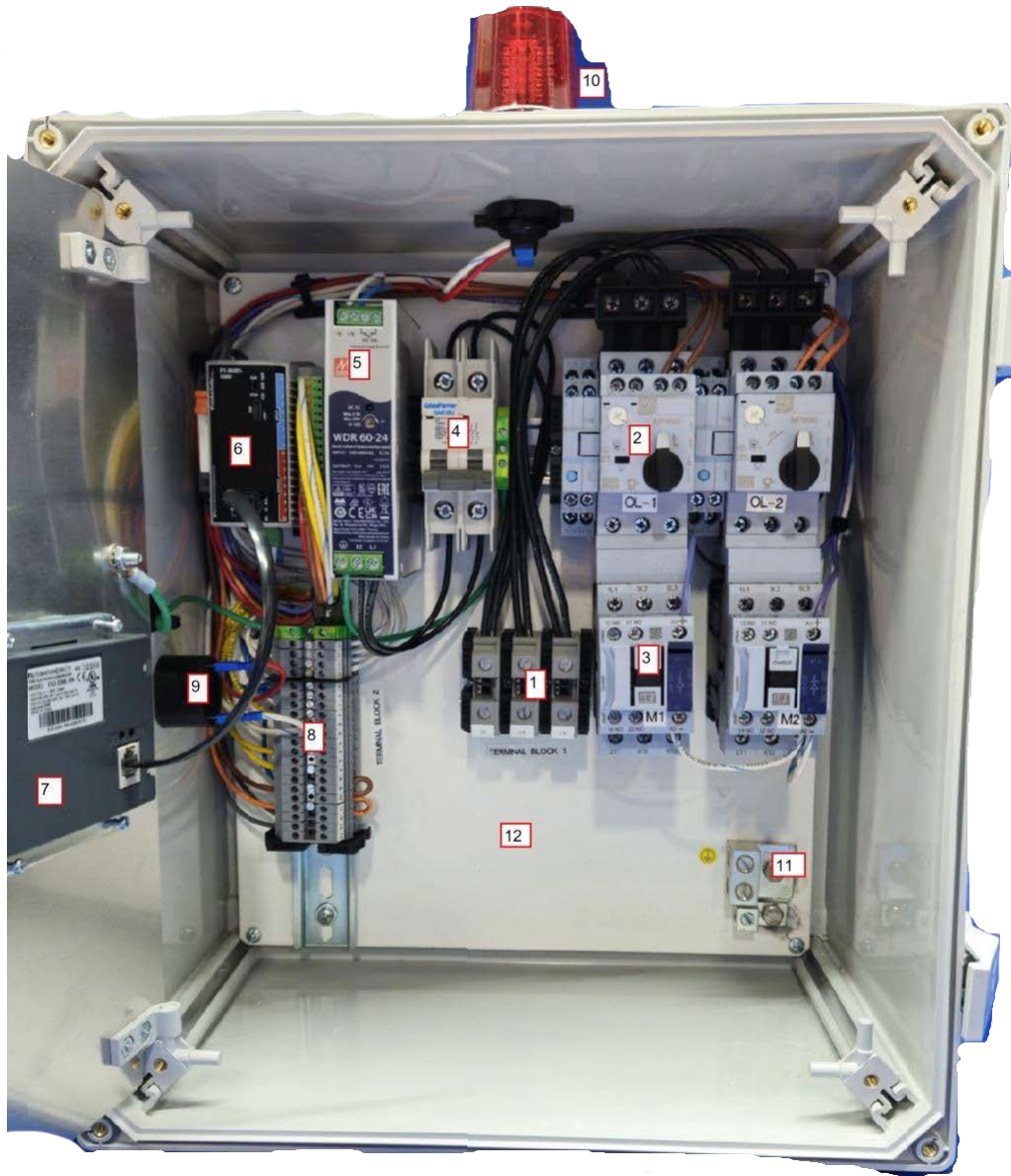
*2 Year Limited Warranty

Components (as called out in picture):

1. Incoming terminal block
2. IEC rated manual motor protectors
3. IEC rated motor contactors
4. Control power circuit breaker
5. Industrial 24 volt DC power supply
6. Logic controller
7. Operator interface screen mounted on enclosure inner door
8. Terminal strip for field wiring
9. Alarm horn
10. Alarm light
11. Ground lugs with connections for incoming power and motors
12. Adequate space for field wiring connections

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Part Number	Description	Min Amps	Max Amps	Max HP (Estimated)						
				208	230	460				
DPCD3010	DPLX PMP PNL 01.0A 3PH	0.63	1			0.5				
DPCD3016	DPLX PMP PNL 01.6A 3PH	1	1.6	0.25	0.33	0.75				
DPCD3025	DPLX PMP PNL 02.5A 3PH	1.6	2.5	0.5	0.5	1.5				
DPCD3040	DPLX PMP PNL 04.0A 3PH	2.5	4	0.75	1	2				
DPCD3063	DPLX PMP PNL 06.3A 3PH	4	6.3	1.5	1.5	5				
DPCD3100	DPLX PMP PNL 10.0A 3PH	6.3	10	3	3	7.5				
DPCD3160	DPLX PMP PNL 16.0A 3PH	10	16	5	5	10				
DPCD3200	DPLX PMP PNL 20.0A 3PH	16	20	5	7.5	15				
DPCD3250	DPLX PMP PNL 25.0A 3PH	20	25	7.5	7.5	15				
DPCD3320	DPLX PMP PNL 32.0A 3PH	25	32	10	10	20				
DPCD3010SS	DPLX PMP PNL 01.0A 3PH W SENS	0.63	1			0.5	Basic Panel with Seal Leakage Sensor			
DPCD3016SS	DPLX PMP PNL 01.6A 3PH W SENS	1	1.6	0.25	0.33	0.75	Basic Panel with Seal Leakage Sensor			
DPCD3025SS	DPLX PMP PNL 02.5A 3PH W SENS	1.6	2.5	0.5	0.5	1.5	Basic Panel with Seal Leakage Sensor			
DPCD3040SS	DPLX PMP PNL 04.0A 3PH W SENS	2.5	4	0.75	1	2	Basic Panel with Seal Leakage Sensor			
DPCD3063SS	DPLX PMP PNL 06.3A 3PH W SENS	4	6.3	1.5	1.5	5	Basic Panel with Seal Leakage Sensor			
DPCD3100SS	DPLX PMP PNL 10.0A 3PH W SENS	6.3	10	3	3	7.5	Basic Panel with Seal Leakage Sensor			
DPCD3160SS	DPLX PMP PNL 16.0A 3PH W SENS	10	16	5	5	10	Basic Panel with Seal Leakage Sensor			
DPCD3200SS	DPLX PMP PNL 20.0A 3PH W SENS	16	20	5	7.5	15	Basic Panel with Seal Leakage Sensor			
DPCD3250SS	DPLX PMP PNL 25.0A 3PH W SENS	20	25	7.5	7.5	15	Basic Panel with Seal Leakage Sensor			
DPCD3320SS	DPLX PMP PNL 32.0A 3PH W SENS	25	32	10	10	20	Basic Panel with Seal Leakage Sensor			

Specifications subject to change without notice.

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