



# Technical Data Sheet

## Demand-Dose DAC2 Panel

Adenus® Technologies demand-dose duplex DAC2 control panels are specifically designed and fabricated for control of effluent pumps and floats in Septic Tank Effluent Pump (STEP) systems. The demand-dose DAC2 control panel comes standard with a high-level alarm, pump on/off controls, and elapsed time meters for overall pump run times. This design makes them ideal for demand-dosing, two-pump alternating system applications where a timer or programmable logic controller is not needed. These control panels can easily be enhanced with a timer or a programmable logic controller to provide the ability to run timed doses and/or be remotely monitored and controlled, making it ideal for any STEP application.

### Product Details

- UL 508A rated
- UL Type 4X rated enclosure
- Separate pump and control circuits
- Non-corrosive hinge and latch

### Optional

- Redundant off

### SKU

- AT-DAC2-RO ETM



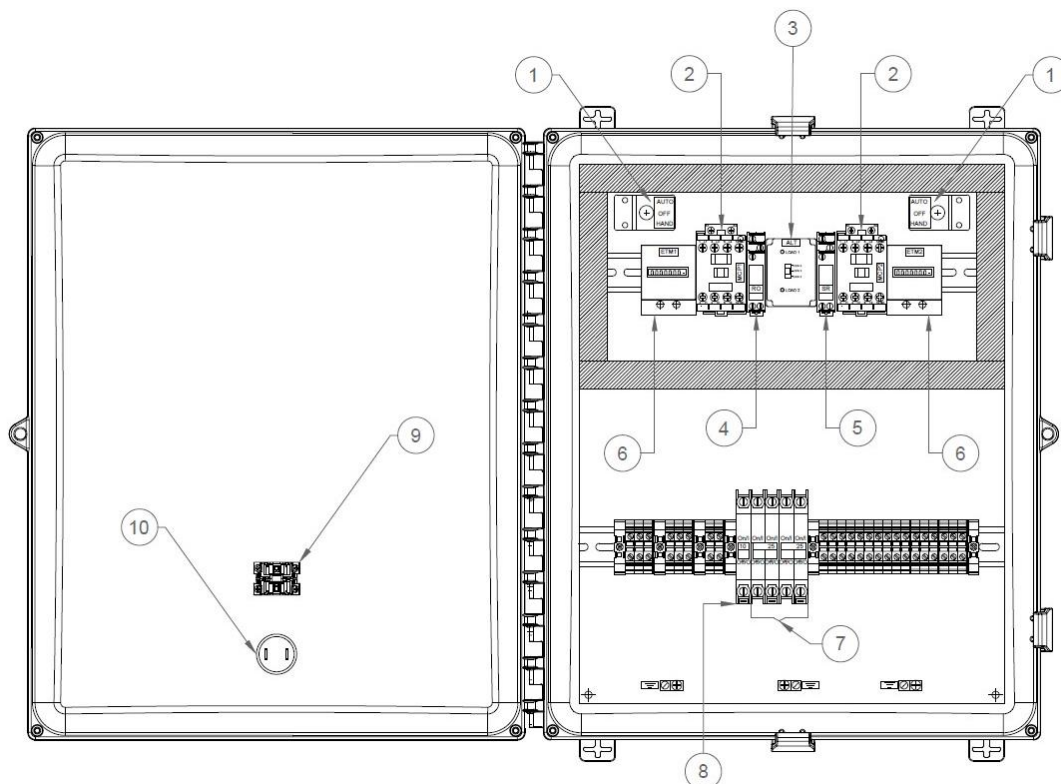
All Adenus® Technologies control panels are quality tested, certified, and UL listed.

### Product Features

- No printed circuit boards
- Color coordinated wiring with matching terminals
- Piezo audible/visible alarm
- Easy installation

Control		Pump	
Volts	120 VAC	Max Horsepower	.5 HP
Max Amps	1 Amps	Volts	120V @ .5 HP or 230V @ 1.5 HP
Hertz	60 Hz	Max Amps	10 Amps
Phase	Single	Hertz	60 Hz
		Phase	Single





<i>Component</i>	<i>Specifications</i>
1 - Toggle Switch	Single pole; 20 amps max @ 125VAC; 10 amps max @ 250VAC; double-throw HOA switch
2 - Motor Contactor	16 amps max; 120VAC
3 - Alternator	socket mount, finger-safe, 120 VAC coil voltage, DPDT, (2) N.O., (2) N.C., 10A contact rating, 8-pin, LED indicator(s).
4 - Redundant Off Relay	120 VAC; 12 amps max; automatic reset; single pole
5 - Alarm Silence Relay	120 VAC; 12 amps max; automatic reset; single pole
6 - Elapsed Time Meter	120 VAC; 6 - digit; non-resettable
7 - Pumps Circuit Breaker	25 amps max; OFF/ON switch; double pole 120/240VAC; DIN rail mounting with thermal magnetic tripping characteristics
8 - Control Circuit Breaker	10 amps max; OFF/ON switch; single pole VAC; DIN rail mounting with thermal magnetic tripping characteristics
9 - Visual Alarm	22mm diameter red lens; Push to Silence™ NEMA 4x; 1 watt bulb; 120 VAC
10 - Audio Alarm	93 dB @ 24"; warble-tone sound