

COMPONENTS SINGLE & DUAL PUMP CONTROLLER



FEATURES

The Single and Dual Pump Controllers are the ideal solution for many DOL pumping requirements.

DUAL PUMP CONTROLLER

- > Powder coated steel lockable IP56 weather resistant enclosure
- > Control keypad mounted on internal door for tamper and weather protection
- > Removable cable gland plate
- > Lockable mains power supply isolator switch
- > Circuit breaker protection
- > Safety 24 volt low voltage control circuit
- > DOL pump motor starters
- > Pump auto/off/manual selection
- > Pump motor latching thermal overload protection with manual reset
- > Automatic pump start alternation
- > Second pump start delay for alternate starting
- > LED indicator lights for:
 - > power on
 - > pump 1 run
 - > pump 1 fault
 - > pump 2 run
 - > pump 2 fault
 - > high level fault
- > Visual external common alarm flashing

strobe light

- > Audible external common alarm buzzer with mute button
- > Voltage free common alarm output for BMS connection

DUAL PUMP CONTROLLER C/W LEVEL TRANSDUCER & MIXER FUNCTION

- > Includes all 'Single & Dual Pump Controller' features
- > Backlit LDC screen control interface mounted on internal door for tamper and weather protection
- > DOL mixer starter
- > Mixer auto/off/manual selection
- > Mixer motor latching thermal overload protection with manual reset.
- > Automatic mixer cycle timer operation
- > LED indicator lights for:
 - > mixer run
 - > mixer fault
- > continuous live pit level display
- > SCADA interface connectivity
- > Submersible level transducer



30 YEARS INDUSTRY EXPERIENCE

RANGE

	OVERLOAD	SINGLE PUMP CONTROLLER	DUAL PUMP CONTROLLER	DUAL PUMP CONTROLLER C/W LEVEL TRANSDUCER & MIXER FUNCTION
		PRODUCT CODE	PRODUCT CODE	PRODUCT CODE
240v	1.6 - 2.5A	520027	520042	-
	2.5 - 4.0A	520028	520043	-
	4.0 - 6.3A	520029	520044	-
	5.5 - 8.0A	520030	520045	-
	7.0 - 10A	520031	520046	-
	9.0 - 13A	520032	520047	-
415v	1.6 - 2.5A	520034	520049	520073
	2.5 - 4.0A	520035	520050	520074
	4.0 - 6.3A	520036	520051	520075
	5.5 - 8.0A	520037	520052	520076
	7.0 - 10A	520038	520053	520077
	9.0 - 13A	520039	520054	520078

NOTE

1. Soft starting of pumps above 13Amps is recommended

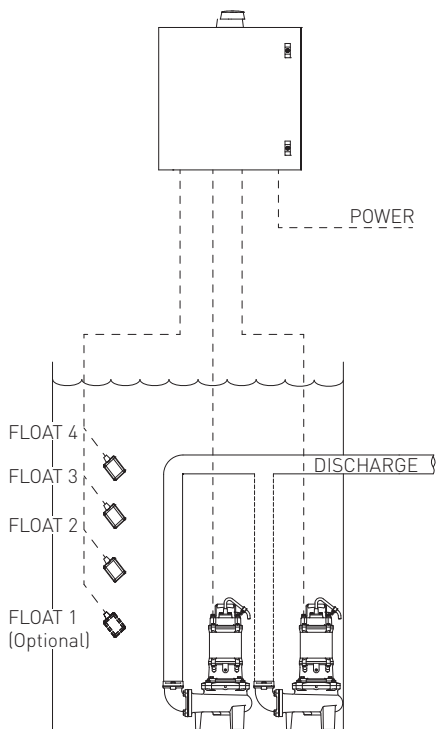
APP ADVICE	RECOMMENDATION	BENEFIT
	CORROSION RESISTANT LOCKABLE ENCLOSURE	Added protection in harsh environments
	VANDAL PROOF ENCLOSURE	Provides increased security and protection
	LEVEL TRANSDUCER	Provides infinite and accurate level motoring
	REMOTE MONITORING & MANAGEMENT (RMM)	Remotely manage your pump system via an inbuilt web-server allowing remote access for fault diagnostics, system overview and system parameter changes





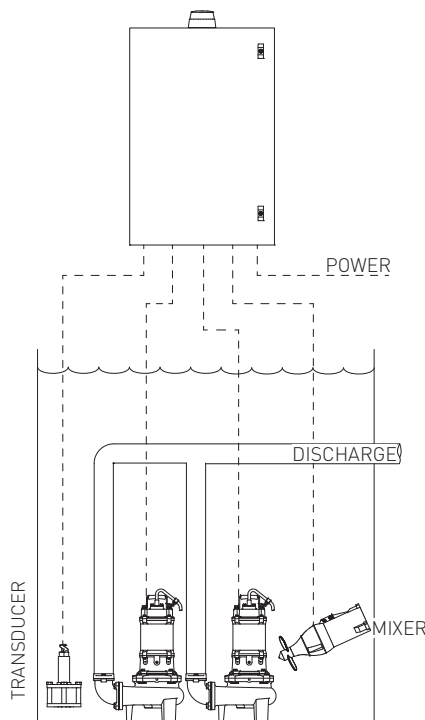
TYPICAL ARRANGEMENTS

ARRANGEMENT 1:
SINGLE / DUAL SUBMERSIBLE PUMPS

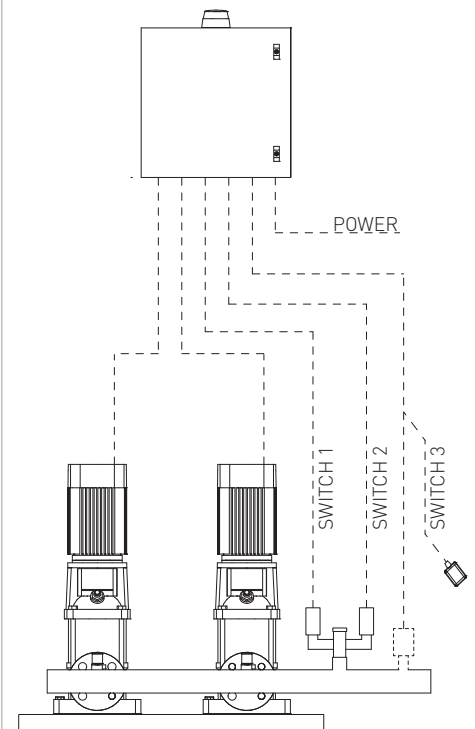


FLOAT 1: STOP (when greater differential is required)
 FLOAT 2: START & STOP
 FLOAT 3: Standby
 FLOAT 4: High Level

ARRANGEMENT 2:
DUAL SUBMERSIBLE PUMPS C/W LEVEL
TRANSDUCER & MIXER FUNCTION



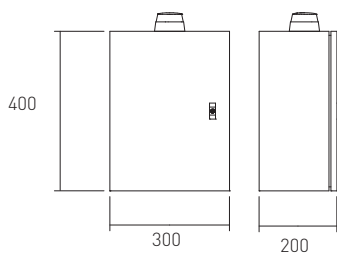
ARRANGEMENT 3:
PRESSURE PUMP SYSTEM



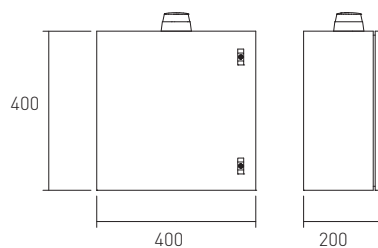
SWITCH 1: Pressure switch - Start / Stop Pump 1.
 SWITCH 2: Pressure switch - Start / Stop Pump 2 (Standby).
 SWITCH 3: (Optional) Loss of Prime / Flow switch. Low Water / Float Switch

DIMENSIONS

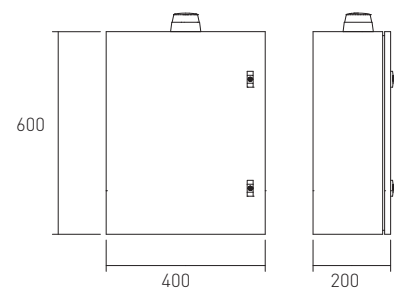
SINGLE PUMP CONTROLLER



DUAL PUMP CONTROLLER



DUAL PUMP CONTROLLER
C/W LEVEL TRANSDUCER & MIXER FUNCTION



NOTE
 1. All dimensions are in mm and are approximate

