

NEMA 4 Control, (Replaces NEMA 3R Pump Control Box)

Features:

The NEMA 4, Watertight pump controls are equipped with **Circuit Breakers**, or **Motor Starter Protectors**, that provides overload, short circuit protection, and locked rotor by disconnecting power to the pump if any of these conditions occur, also serves as a manual across-the-line motor control which includes a reset button to resume pumping once conditions have been corrected.

All controls have through the door rotary On-Off switch, except 3/4 & 1HP, 115 & 230 volt models which utilize an On-Off toggle switch located on bottom of enclosure.

Single phase controls also include, start and run capacitors. 3/4 and 1HP models are also equipped with a 6 foot power cord with 3 prong plug.

- **ENCLOSURE - Fig. A & B:** Door is fabricated from 16 gauge steel and the body of 14 gauge, ANSI-61 gray polyester powder finish inside and out. Continuous hinged cover with stainless steel clamps and screws to assure a watertight seal. Oil resistant neoprene gasket.
- **ENCLOSURE - Fig. C:** Same as above except, does not have Stainless clamps, but has quarter turn latch.
- **START RELAY:** Single Phase - For Capacitor Start and Motor Protection
- **SWITCH - Toggle:** Used on 3/4 & 1HP Single Phase - "ON-OFF" toggle, UL listed
- **SWITCH - Rotary:** Used on 2Hp through 50HP - The door locking device prevents opening of the control cabinet door in the "ON" position of the motor starter protector.
- **CAPACITORS:** Single Phase - 3/4 through 6HP: Start and/or Run capacitors as required
- **FUSE:** Single Phase - 3/4 & 1HP, 20 amp with 12 gauge fuse holder
- Built and Labeled to UL 508A standard with NEMA 4 rating.
- **CIRCUIT BREAKER:** Thermal magnetic, molded case, for short circuit protection. UL listed, CSA certified, IEC rated.
or -----
- **MOTOR START PROTECTION (MP):** Motor starter protectors features a manual On-Off switch, Class 10 bimetallic overload relay and magnetic trip elements for short circuit protection.



WARNING: CANCER AND REPRODUCTIVE HARM-
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NEMA 4, Pump Controls for Dewatering Pumps

(Replaces NEMA 3 Control)

Series: 3/4 Hp to 50Hp

**115, 230, 1 Ph
230, 460, 3 Ph**



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PART NUMBER	CONSTRUCTION	FIG	HP	VOLTS / PHASE	PUMP CORD SIZE	SIZE	FOR PUMP MODEL
V101811-4	Capacitors	A	3/4 & 1	115/1	0.570	8 x 6 x 4	PF01011, PF01311
V101812-4	Capacitors	A	3/4 & 1	230/1	0.570	8 x 6 x 4	PF01012, PF01312
V200811-4	Motor Start Protectors/ Capacitors	B	2	115/1	0.650	10 x 8 x 6	PF20111
V200812-4	Motor Start Protectors/ Capacitors	B	2	230/1	0.650	10 x 8 x 6	PF20112
V270812-4	Motor Start Protectors/ Capacitors	B	2-3/4	230/1	0.650	10 x 8 x 6	PF27112
V350812-4	Motor Start Protectors/ Capacitors	B	3-1/2	230/1	0.650	10 x 8 x 6	PF35112
V500812-4	Circuit Breakers/ Capacitors	B	5	230/1	0.650	10 x 8 x 6	PF50112
V500812MP-4	Motor Start Protectors/ Capacitors	C	5	230/1	0.650	12 x 10 x 8	PF50112
V600812-4	Circuit Breakers/ Capacitors	B	6	230/1	1.100	10 x 8 x 6	PF60112
V600812MP-4	Motor Start Protectors/ Capacitors	C	6	230/1	1.100	12 x 10 x 8	PF60112
V075832-4	Motor Start Protectors	B	3/4 & 1 2-1/2	230/3 460/3	0.570 0.650	10 x 8 x 6	PF01032, PF01332 PF25134HV / HH
V100834-4	Motor Start Protectors	B	3/4 & 1	460/3	0.570	10 x 8 x 6	PF01034, PF01334
V500834-4	Motor Start Protectors	B	2-1/2 5	230/3 460/3	0.650	10 x 8 x 6	PF25132HV / HH PF50134HV, PF50134-2ST
V810834-4	Motor Start Protectors	B	5 10	230/3 460/3	0.650	10 x 8 x 6	PF50132HV, PF50132-2ST, PF81034HV / HH
V810832-4	Circuit Breakers	B	10 25	230/3 460/3	1.100 1.286	10 x 8 x 6	PF81032HV / HH PF82534HV / HH
V810832MP-4	Motor Start Protectors	C	10 25	230/3 460/3	1.100 1.286	12 x 10 x 8	PF81032HV / HH PF82534HV / HH
V815832-4	Circuit Breakers	B	15	230/3	1.100	10 x 8 x 6	PF81532HV / HH
V815832MP-4	Motor Start Protectors	C	15	230/3	1.100	12 x 10 x 8	PF81532HV / HH
V815834-4	Circuit Breakers	B	15	460/3	0.650	10 x 8 x 6	PF81534HV / HH
V815834MP-4	Motor Start Protectors	C	15	460/3	0.650	12 x 10 x 8	PF81534HV / HH
V825832-4	Circuit Breakers	B	25	230/3	1.286	10 x 8 x 6	PF82532HV / HH
V825832MP-4	Motor Start Protectors	C	25	230/3	1.286	12 x 10 x 8	PF82532HV / HH
V850834-4	Circuit Breakers	B	50	460/3	1.286	10 x 8 x 6	PF85034HV / HH
V850834MP-4	Motor Start Protectors	C	50	460/3	1.286	12 x 10 x 8	PF85034HV / HH

Dimensions may vary.

Panel shown has Through-the-door On-Off switch,

3/4 & 1HP utilizes a toggle switch on bottom of enclosure and 6ft power cord with plug.



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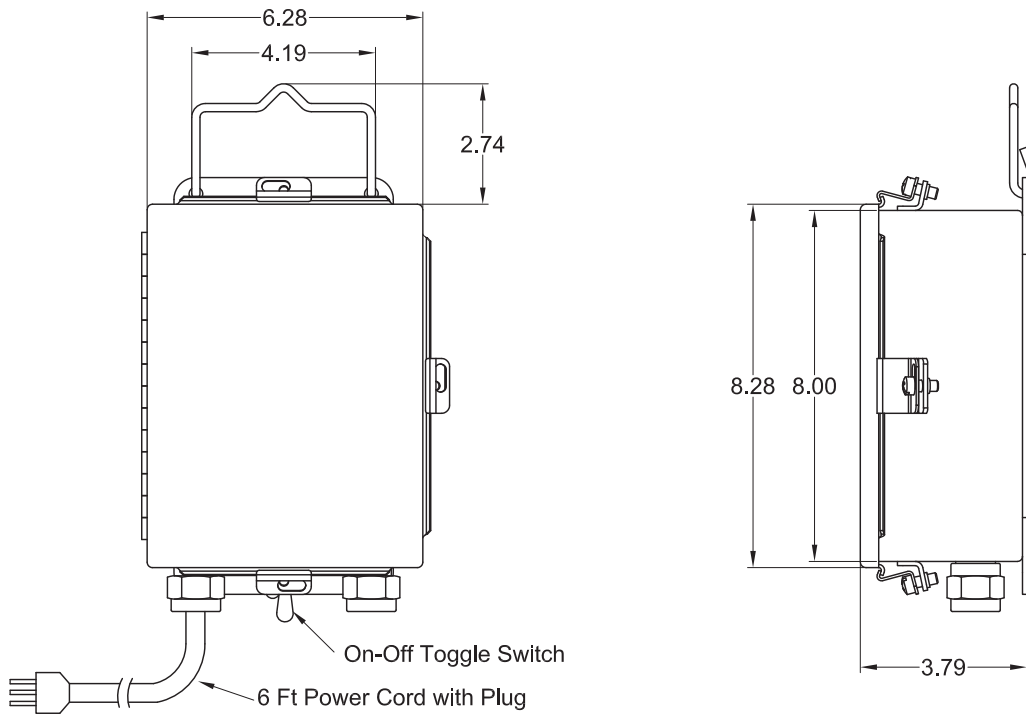


FIG. A - CONTROLS --- 8x6x4

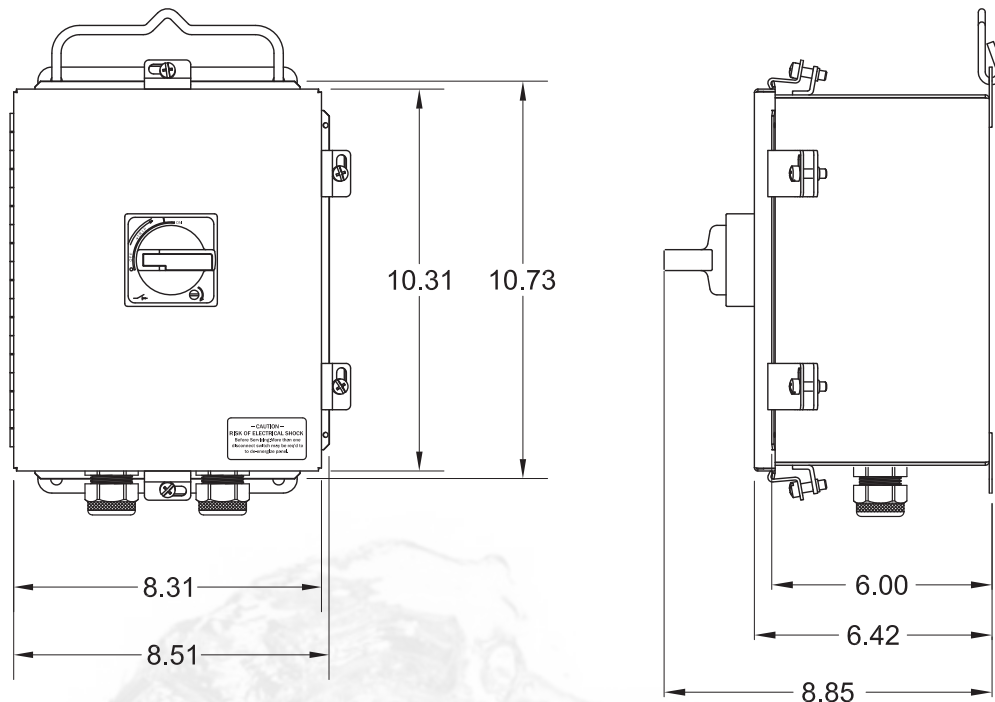


FIG. B - CONTROLS --- 10x8x6



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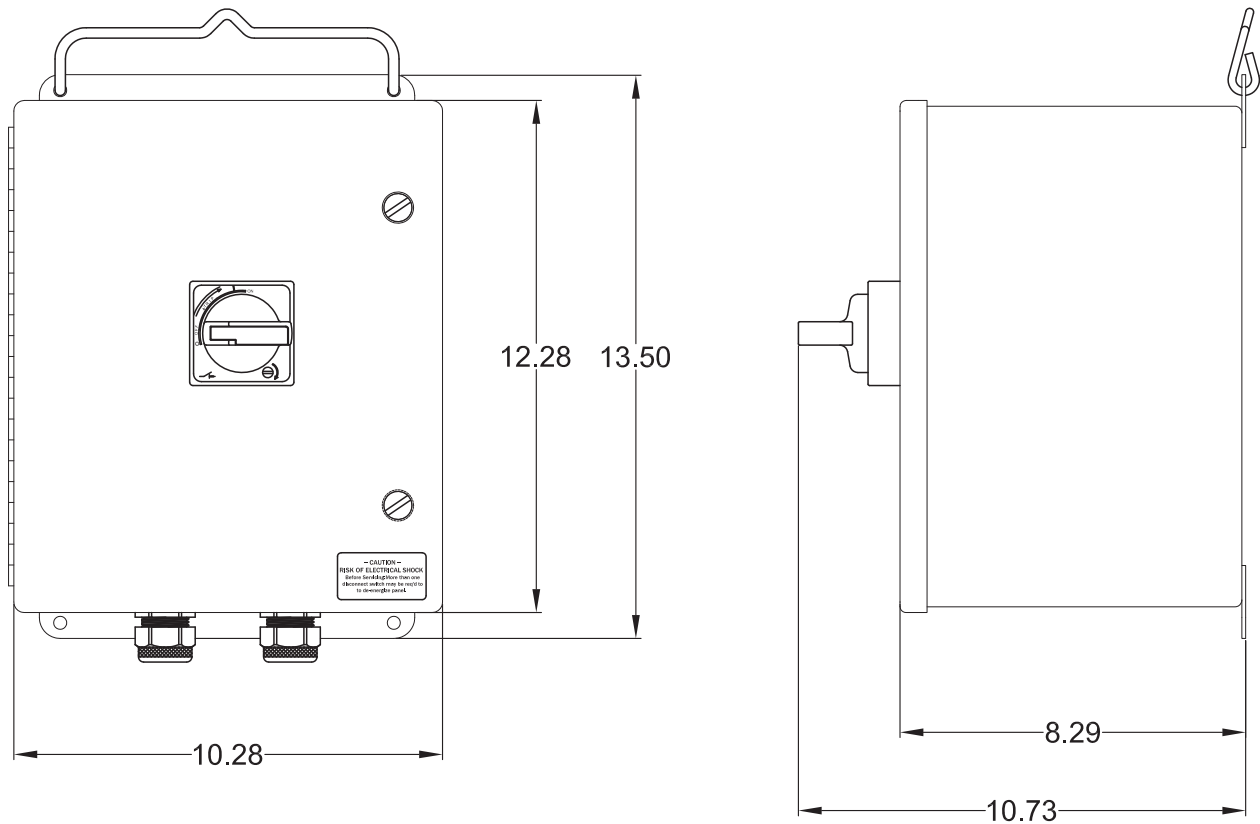


FIG. C- CONTROLS ---- 12x10x8

