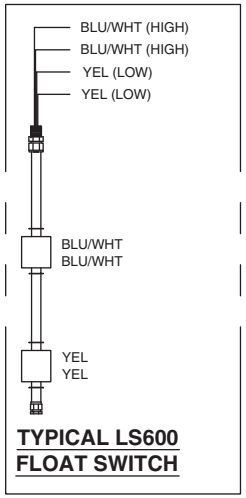
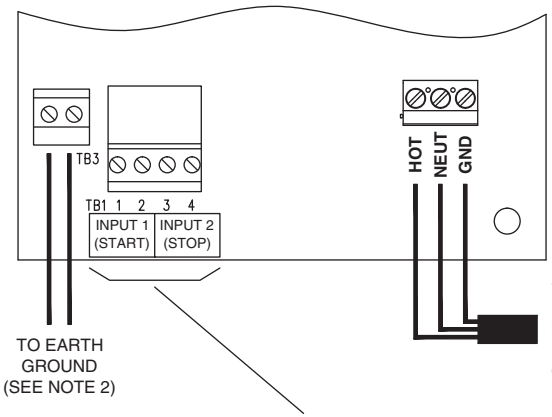
WIRING DRAWING - 2-PHASE PC1002 (SEE PAGE 2 FOR 3-PHASE PC1002)



TYPICAL LS600 FLOAT SWITCH

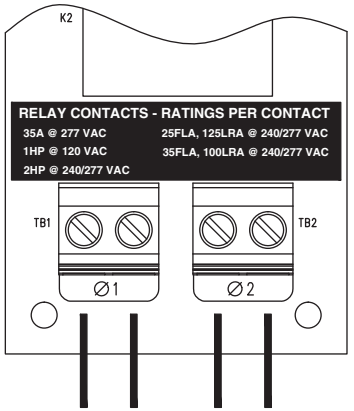
PUMP CONTROL INPUT BOARD



TO EARTH GROUND (SEE NOTE 2)

120 VAC 50/60Hz USE 14 AWG WIRES OR CABLE

2-PHASE PUMP CONTROL OUTPUT BOARD



PUMP CONTROL RELAY OUTPUTS (TERMINAL BLOCKS ACCEPT MAX. 8 AWG WIRES)

		FLOAT SWITCH INPUTS *	
		PUMP CONTROLS	
MODEL	MODE	INPUT 1 (START)	INPUT 2 (STOP)
2 OR 3-PHASE PC1002	PUMP DOWN (EMPTY)	BLU/WHT - BLU/WHT	YEL - YEL
	PUMP UP (FULL)	YEL - YEL	BLU/WHT - BLU/WHT

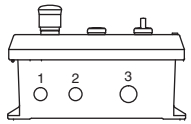
* USE 22 AWG WIRES OR CABLE (SEE NOTE 1)

IMPORTANT!

PUMP CONTROL RELAY OUTPUTS ARE **NOT POWERED**. EXTERNAL POWER MUST BE SUPPLIED TO DEVICES BEING CONTROLLED.

CONDUIT DESIGNATION

(SEE OUTLINE DRAWING 10574 FOR SIZES)

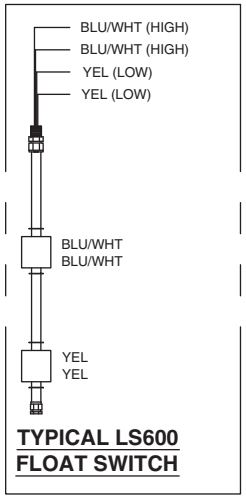


1. EARTH GND & I.S. INPUTS
2. AC POWER
3. PUMP CTL RELAY OUTPUTS

IMPORTANT NOTES - READ CAREFULLY BEFORE INSTALLATION

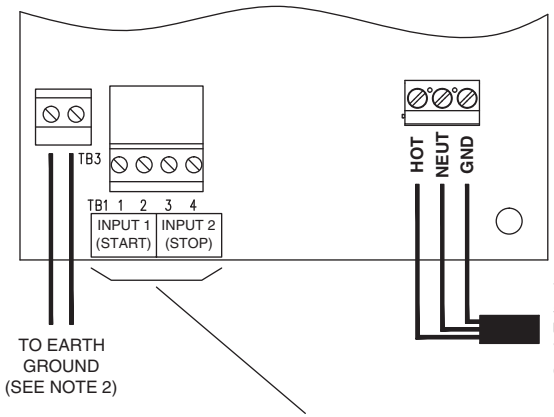
1. INTRINSICALLY SAFE INPUT WIRING: WIRE AND INSTALL IN ACCORDANCE WITH ARTICLE 504 OF NATIONAL ELECTRICAL CODE ANSI/NFPA 70. NON-INTRINSICALLY SAFE WIRING CANNOT BE RUN IN CONDUIT OR OPEN RACEWAYS TOGETHER WITH INTRINSICALLY SAFE WIRING.
2. WARNING: TO INSURE INTRINSIC SAFETY, A 12 AWG WIRE MUST BE CONNECTED TO EACH TERMINAL. EACH WIRE MUST THEN BE CONNECTED TO THE SYSTEM EARTH GROUND (GROUND BUSS BAR) AT THE SERVICE PANEL. THE RESISTANCE BETWEEN THE EARTH GROUND TERMINAL BLOCK AND EARTH GROUND SHALL BE LESS THAN 1 OHM.

WIRING DRAWING - 3-PHASE PC1002 (SEE PAGE 1 FOR 2-PHASE PC1002)



TYPICAL LS600 FLOAT SWITCH

PUMP CONTROL INPUT BOARD



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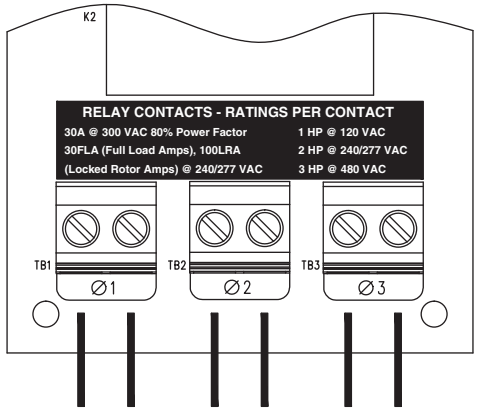
3-PHASE PUMP CONTROL OUTPUT BOARD



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CONDUIT DESIGNATION

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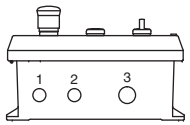

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Questions? Contact Technical Support at (800) 209-7858