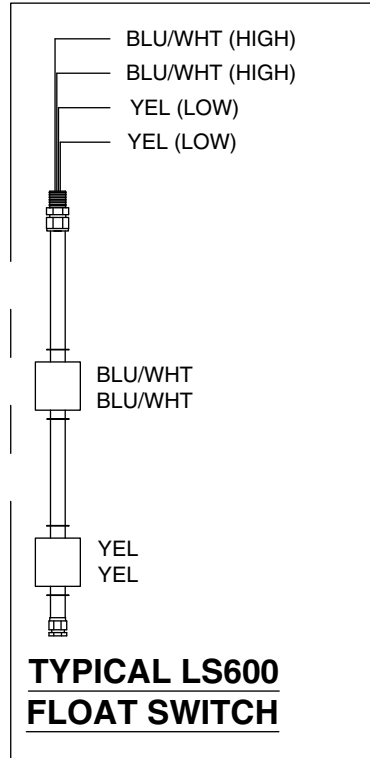
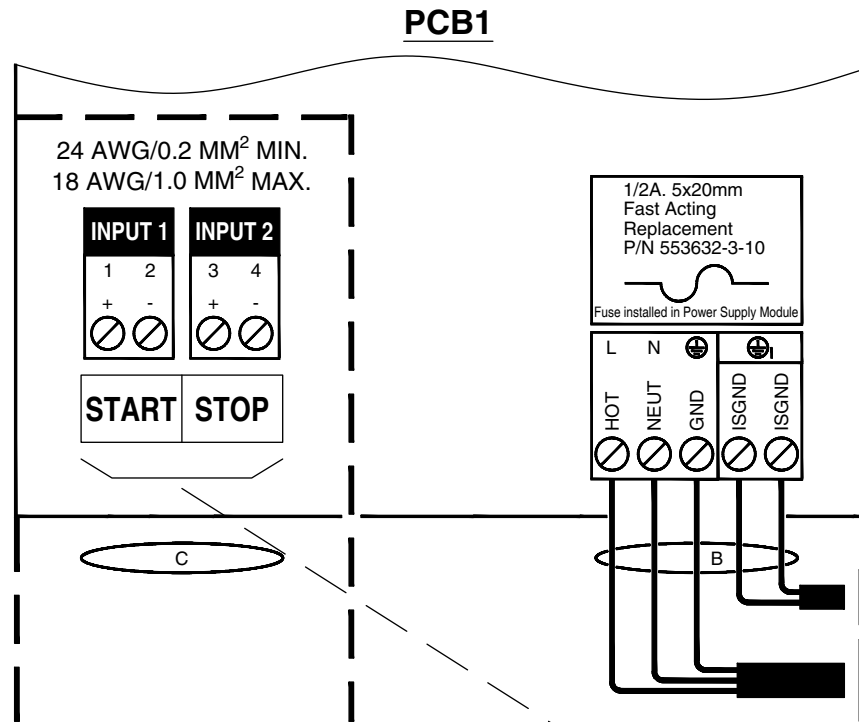


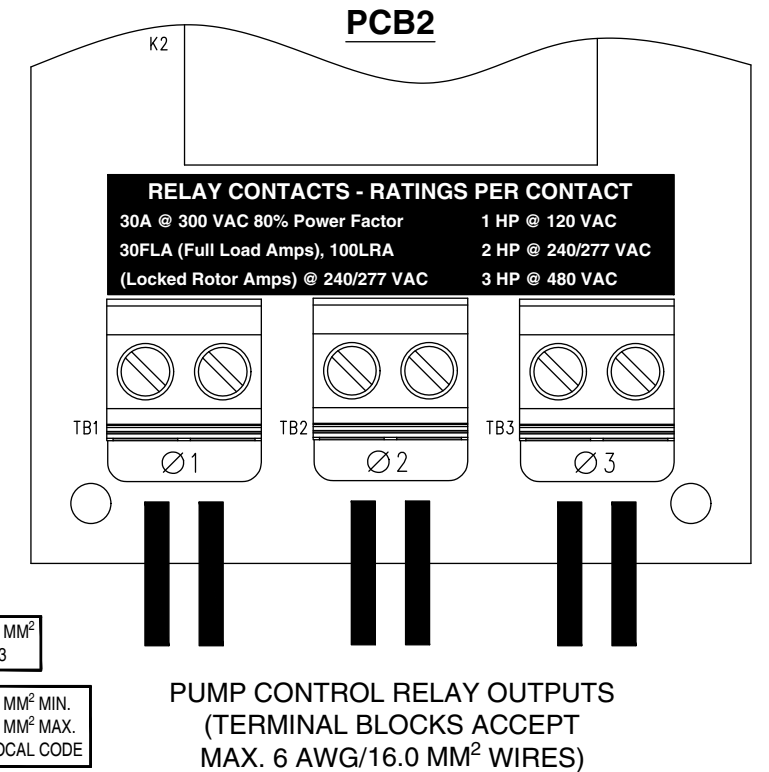
WIRING DRAWING - PC1002-A (SEE PAGE 2 FOR PC1003H-A/PC1003L-A/PC1004-A)



PUMP CONTROL INPUT BOARD



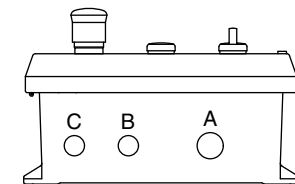
3-PHASE PUMP CONTROL OUTPUT BOARD



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

MODEL	MODE	FLOAT SWITCH INPUTS (SEE NOTE 1)	
		PUMP CONTROLS	
		INPUT 1 (START)	INPUT 2 (STOP)
PC1002-A	PUMP DOWN (EMPTY)	BLU/WHT - BLU/WHT	YEL - YEL
	PUMP UP (FULL)	YEL - YEL	BLU/WHT - BLU/WHT

CONDUIT DESIGNATION
(SEE OUTLINE DRAWING 10574 FOR SIZES)



A = PUMP CTL RELAY OUTPUTS
B = AC POWER & EARTH GND
C = I.S. INPUTS

IMPORTANT NOTES - READ CAREFULLY BEFORE INSTALLATION

- 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.
- SEE PAGE 2.
- WARNING: TO INSURE INTRINSIC SAFETY, A 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.

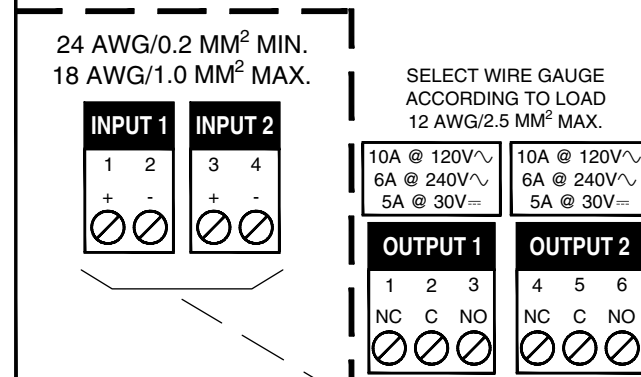


Questions? Contact Technical Support at (800) 209-7858

WIRING DRAWING - PC1003H-A/PC1003L-A/PC1004-A (SEE PAGE 1 FOR PC1002-A)

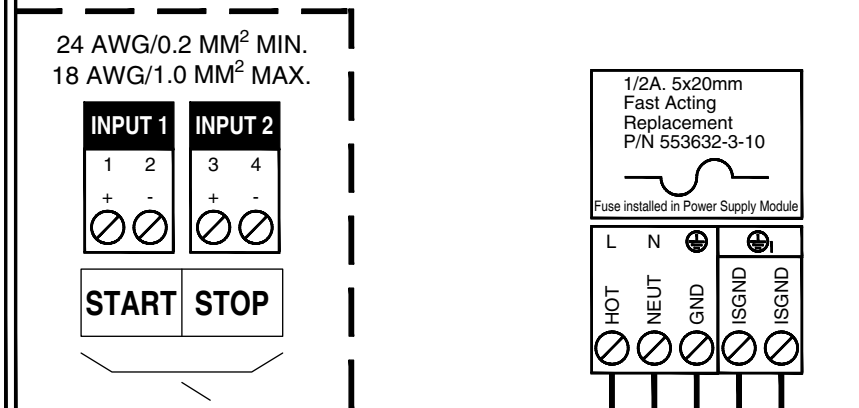
ALARM INPUT/OUTPUT BOARD

PCB1



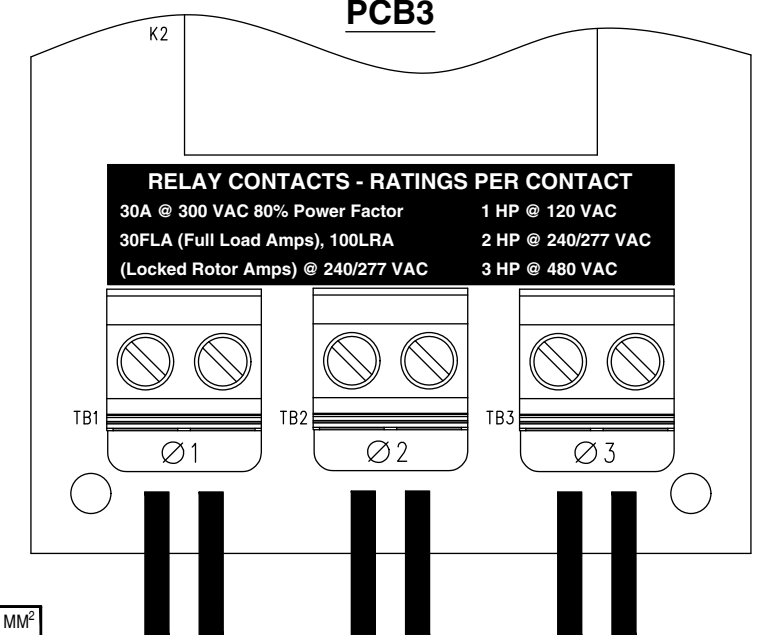
PUMP CONTROL INPUT BOARD

PCB2



3-PHASE PUMP CONTROL OUTPUT BOARD

PCB3



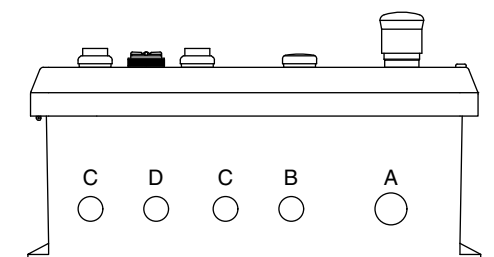
PUMP CONTROL RELAY OUTPUTS (TERMINAL BLOCKS ACCEPT MAX. 6 AWG/16.0 MM² WIRES)

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)



A = PUMP CTL RELAY OUTPUTS
 B = AC POWER & EARTH GND
 C = I.S. INPUTS
 D = RELAY OUTPUTS

FLOAT SWITCH INPUTS (SEE NOTE 1)

MODEL	MODE	ALARMS		PUMP CONTROLS	
		INPUT 1	INPUT 2	INPUT 1 (START)	INPUT 2 (STOP)
PC1003L-A (CRIT. LOW) ^a	PUMP DOWN (EMPTY)	BRN - BRN		BLU/WHT - BLU/WHT	YEL - YEL
PC1003H-A (CRIT. HIGH) ^b	PUMP UP (FULL)	VIO/WHT - VIO/WHT		YEL - YEL	BLU/WHT - BLU/WHT
PC1004-A	PUMP DOWN (EMPTY)	BRN - BRN	VIO/WHT - VIO/WHT	BLU/WHT - BLU/WHT	YEL - YEL
	PUMP UP (FULL)	BRN - BRN	VIO/WHT - VIO/WHT	YEL - YEL	BLU/WHT - BLU/WHT

^a FOR PC1003L "PUMP UP" APPLICATIONS, "YEL - YEL" MUST BE CONNECTED TO INPUT 1 (START) AND "BLU/WHT - BLU/WHT" TO INPUT 2 (STOP).
^b FOR PC1003H "PUMP DOWN" APPLICATIONS, "BLU/WHT - BLU/WHT" MUST BE CONNECTED TO INPUT 1 (START) AND "YEL - YEL" TO INPUT 2 (STOP).

IMPORTANT NOTES - READ CAREFULLY BEFORE INSTALLATION

- 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.
- DRY CONTACT SWITCH OUTPUT (NOT APPLICABLE TO PC1002-A): WIRE TO COMMON AND EITHER NORMALLY OPEN OR NORMALLY CLOSED FOR DESIRED SWITCH CONTACT.
- WARNING: TO INSURE INTRINSIC SAFETY, A 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.

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