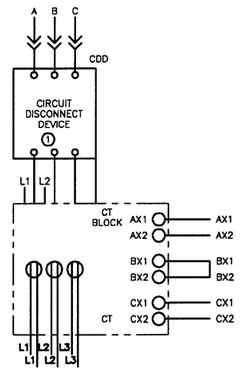
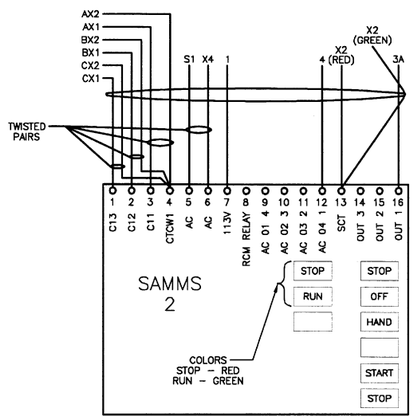
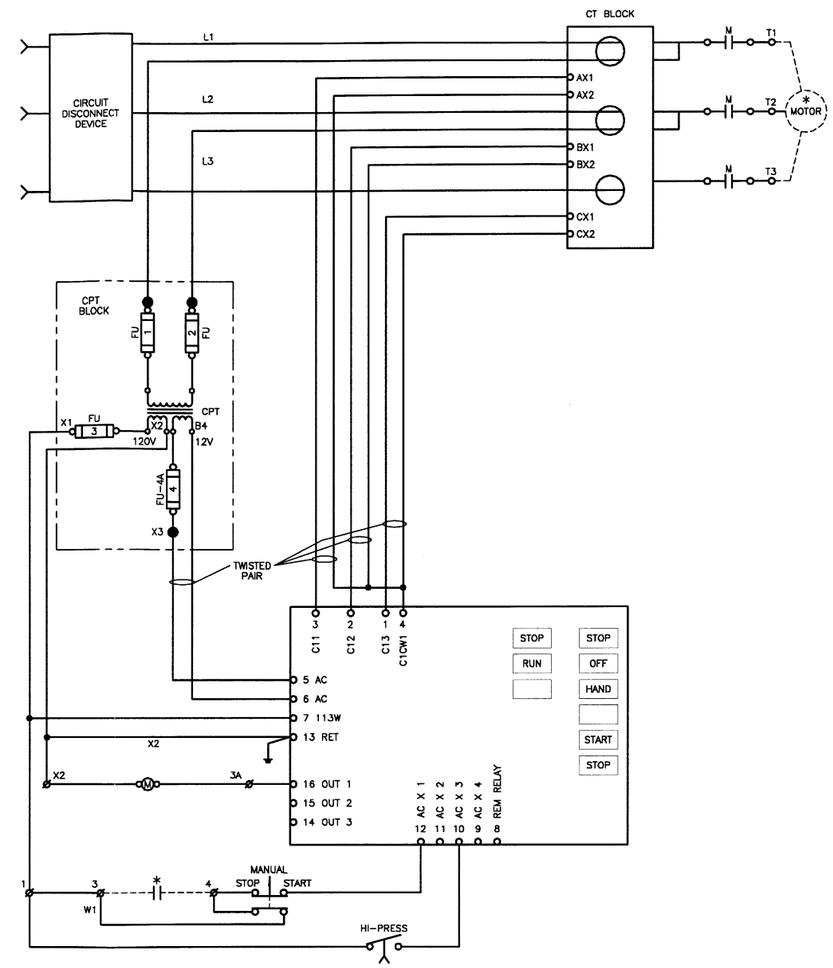
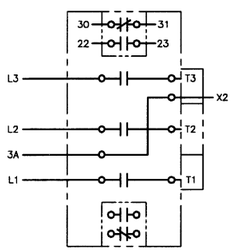
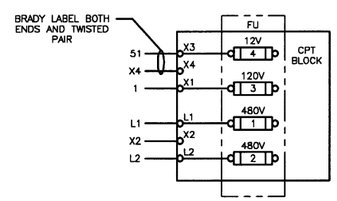


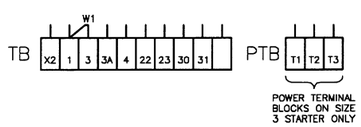


WIRE NUMBER	SIZE 3 #2 GA. SIZE 4 #1 GA.
L1 L2 L3 T1 T2 T3	CDD THRU CT, M CDD THRU CT, M CDD THRU CT, M M, PTB M, PTB M, PTB } POWER TERMINAL BLOCKS ON SIZE 3 STARTER ONLY
WIRE NUMBER	#14 GA. BLACK W/PRIMARY FUSES
L1 L2	FU1 THRU CT, M FU2 THRU CT, M
WIRE NUMBER	#14 GA. RED
X2 1 3A 3 4 22 23 30 31	TB, CPT, M, SAMMS SAMMS, FU3, TB SAMMS, M, TB TB SAMMS, TB M, TB M, TB M, TB M, TB
WIRE NUMBER	#14 GA. RED TWISTED PAIR
X4 51	CPT, SAMMS FU4, SAMMS } TWISTED PAIR
WIRE NUMBER	#18 GA. TWISTED PAIR
AX1-BLK AX2-WH	CT, SAMMS CT, SAMMS } TWISTED PAIR
CX1-BLK BX2-WH	CT, SAMMS CT, SAMMS } TWISTED PAIR
CX1-BLK CX2-WH	CT, SAMMS CT, SAMMS } TWISTED PAIR
WIRE NUMBER	#14 GA. GREEN
X2	SAMMS, GND (TWIST WIRE AROUND BUNDLE FROM SAMMS UNIT)
WIRE NUMBER	JUMPER
W1	TB, TB

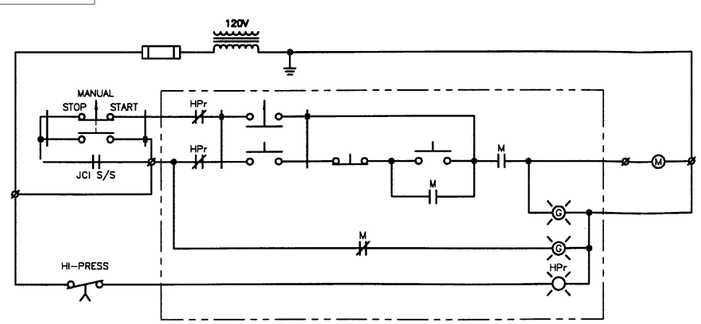


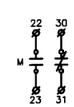






DO NOT BUNDLE POWER AND CONTROL WIRES TOGETHER. HAVE 8" PHYSICAL SERPRATION BETWEEN BUNDLES WHERE POWER & CONTROL BUNDLES MUST CROSS. MUST BE AT 90° ANGLE.





REVISIONS

ZONE	REV	DESCRIPTION	BY	APPROVED	DATE

ITEM	DRAWING / PART NUMBER	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPEC	QTY

PARTS LIST / BILL of MATERIALS

UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES TOLERANCES: DECIMALS ANGULAR X ±.1 ±.05° .X ±.01 .XX ±.005 .XXX ±.003 SURFACE ROUGHNESS: 125/ REMOVE ALL BURRS AND BREAK SHARP EDGES .02 MAX. MATERIAL TOLERANCE IS ±.1 UNLESS OTHERWISE SPECIFIED DIMENSIONS & TOLERANCES IN ACCORDANCE WITH LATEST ASME Y14.5

MATERIAL: SEE PART LIST

ELECTRONIC FILE NAME: AXXXXXX

DRAWN BY: HP CZERWINSKI DATE: 12//03/96

CHECKED BY: DATE

DESIGNER BY: DATE

RESPONSIBLE ENGINEER: DATE

GROUP LEADER: DATE

APPROVED BY: DATE

APPROVED BY: DATE

APPROVED BY: DATE

THIS DRAWING IS THE PROPERTY OF
ARGONNE NATIONAL LABORATORY
ADVANCED PHOTON SOURCE

TITLE:
XXXXXX
XXXXXX
XXXXXX
XXXXXX
XXXXXX

SIZE E | FSCM No. OHRH5 | DRAWING NUMBER | REV. 00

SCALE: 1:1 | DO NOT SCALE DRAWING | SHEET: 1 of 1

HIGH PRESSURE SWITCH DWG. NO.