
COX

Research and Technology, Inc.

OMEGA PROTEIN
SLIMER CONTROL

Cox Research and Technology, Inc.
14697 S. Harrells Ferry Road
Baton Rouge, LA. 70816
(225) 756-3271 Fax (225) 755-1030

VOLTAGE	120V	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	1/60	
NO. MOTORS		
HP		
FLA		
TYPE OF PUMP		(Self-Priming, Submersible)
MANUFACTURER		
CATALOG NUMBER		
CONTROL VOLTAGE	120V	(120V, Other)
ENCLOSURE		(NEMA 1, NEMA 3R, NEMA 4, NEMA 4X)
ENCLOSURE MATERIAL		(Painted Steel, Stainless Steel, Fiberglass)
CONTROL SENSOR		(Floats, Bubbler, Other)
CAPACITORS		(Yes, No)
CAPACITOR WIRING FIGURE		
THERM. & SEAL FAIL WIRING FIGURE		

OPTIONS:

SEAL FAIL LIGHTS		(Submersible Only)
SEAL FAIL RELAYS		(Submersible Only)
SEAL FAIL PUMP SHUTDOWN		(Submersible Only)
HT PUMP SHUTDOWN		(Self-Primer, Submersible)
ALARM HORN		
ALARM LIGHT		
LIGHT PANEL MTD		
LIGHT REMOTE MTD		
LIGHT FLASHER		
LIGHTNING ARRESTER		
ELAPSED TIME METER		
PHASE MONITOR		
NEMA RATED STARTERS		
GROUND FAULT RECPT.		
GREEN RUN LIGHTS VS. RED		
POLE, BOX, SEAL		
INTRINSICALLY SAFE RELAYS		
HIGH TEMP. LOCKOUT, MANUAL RESET		
ECONOMY VERSION		


SOLD TO: Omega Protein, Inc.

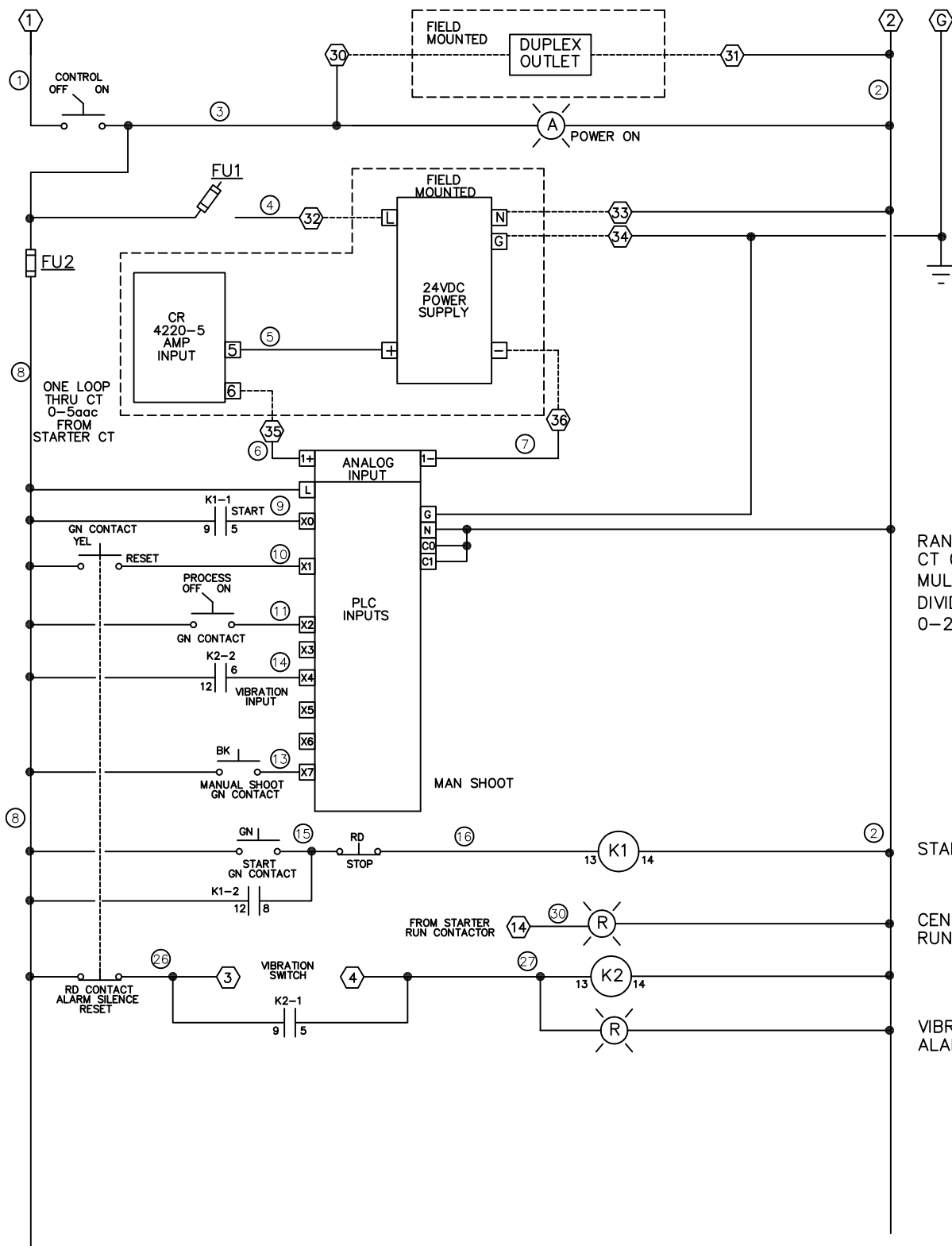
TAG : Slimer Control Panels

SHIP TO: Omega Protein, Inc.

9730 Andrew Rd.

Abbeville, LA 70510

	Drawing Title						
	PANEL DESCRIPTION						
DATE 12/30/03		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY C. RACHAL	ECN	DATE
	Project Title	<div style="text-align: center;">  COX Research and Technology, Inc. </div>			P.O. Box 77808 Baton Rouge, LA 70809		PURCHASE ORDER NUMBER
	OMEGA PROTEIN SLIMER CONTROL				Ph. (225)756-3271 Fax (225)756-1030		DRAWING NUMBER CP-1706
							SHEET NUMBER 1



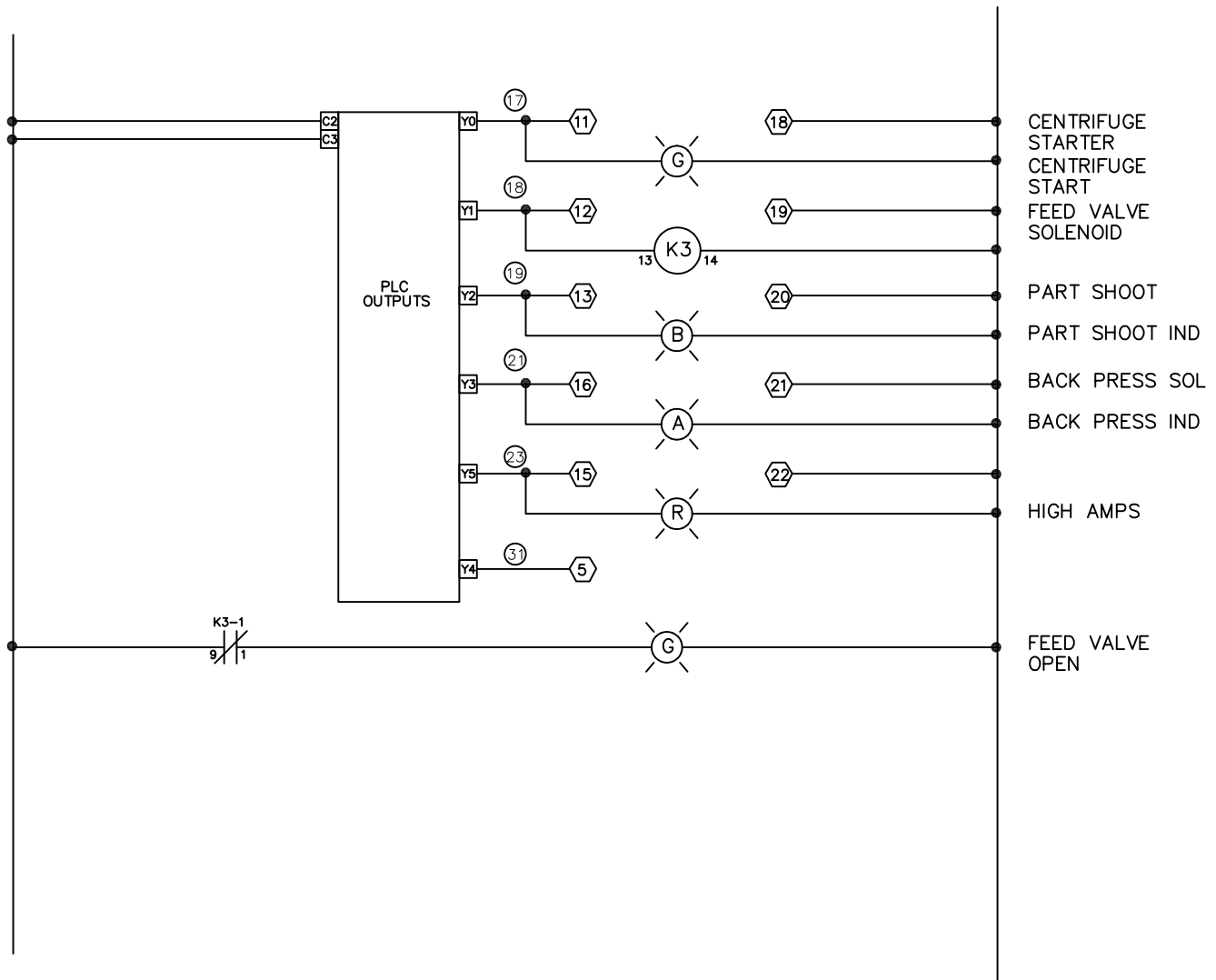
RANGE INFO
 CT 0-200 = 0-4095
 MULT BY 2000
 DIVIDE BY 4095 =
 0-2000 X 1 IN DISPLAY

START STOP

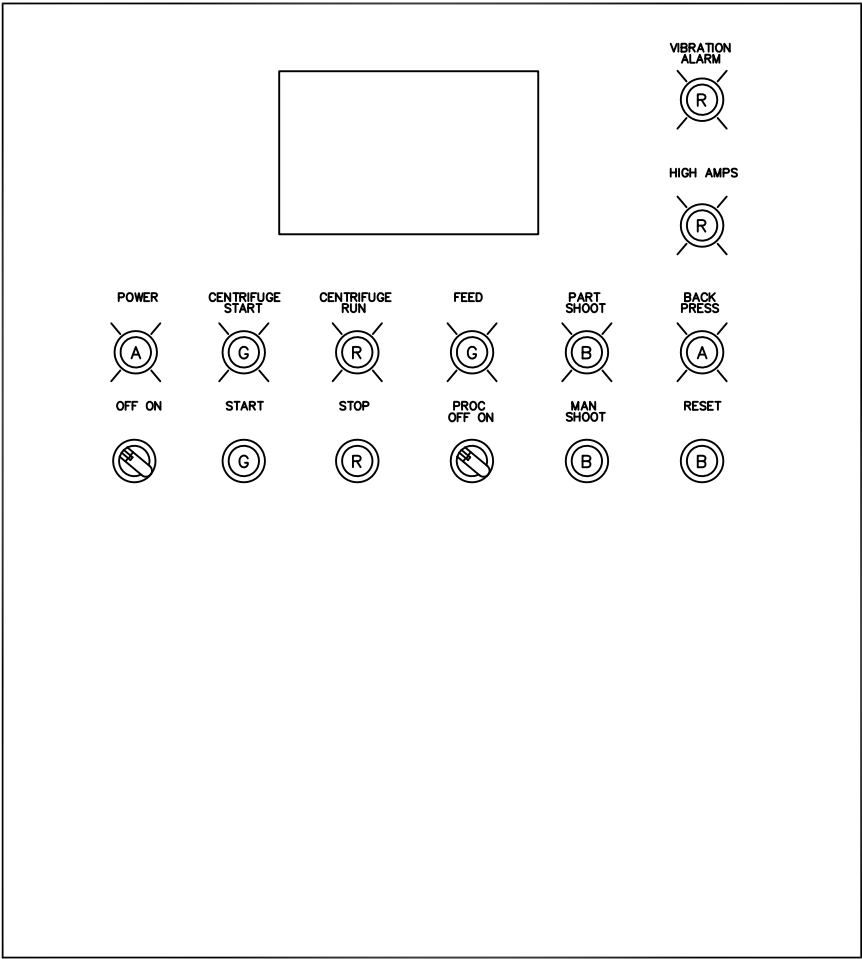
CENTRIFUGE
 RUN

VIBRATION
 ALARM

	Drawing Title <
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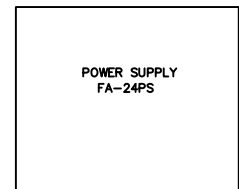
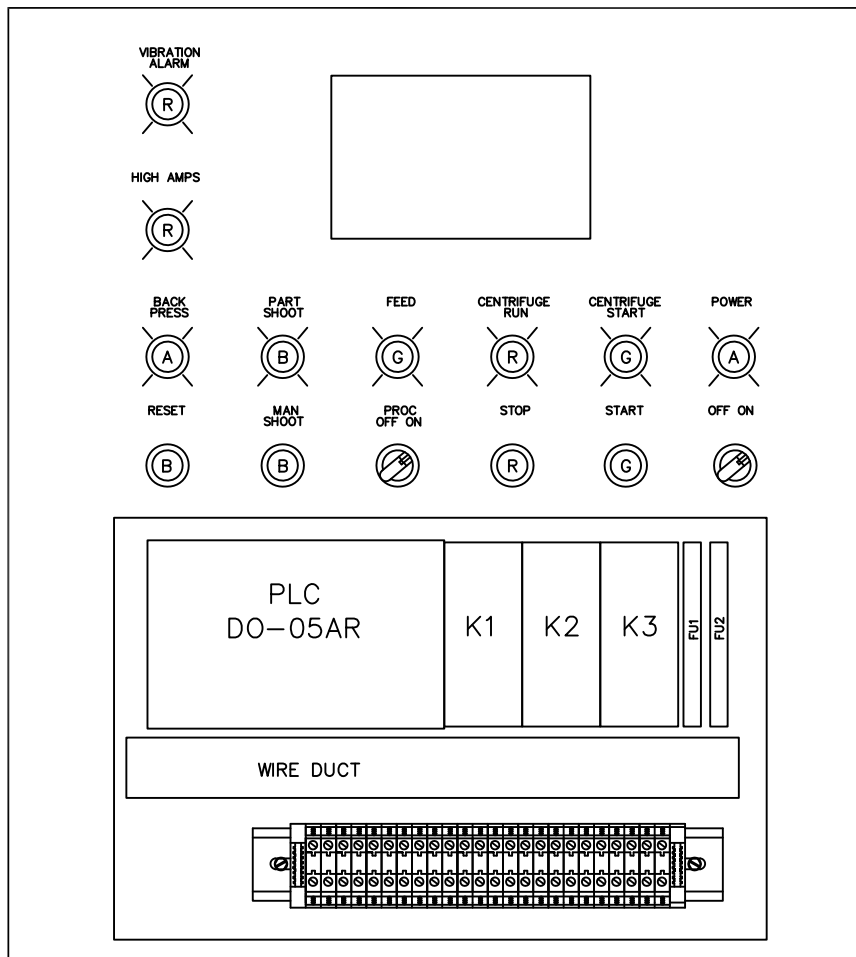


	Drawing Title							
	CONTROL DIAGRAM							
DATE		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY	
12/30/03		S/N	Sales Engineer C.C.	Application Engineer R.C.	BY C. RACHAL	APPROVED		
	Project Title				PURCHASE ORDER NUMBER			
	OMEGA PROTEIN SLIMER CONTROL	<div>COX</div> <div>Research and Technology, Inc.</div>			P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)756-1030	DRAWING NUMBER CP-1706		
					SHEET NUMBER			3



VIEW OF FRONT DOOR

	Drawing Title							
	ENCLOSURE DOOR							
DATE 12/30/03		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN	DATE	BY	
	Project Title	DRAWN BY C. RACHAL			APPROVED BY DATE			
	OMEGA PROTEIN SLIMER CONTROL	PURCHASE ORDER NUMBER						
		DRAWING NUMBER CP-1706						
		SHEET NUMBER			4			



POWER SUPPLY
FA-24PS

MOUNTED IN CABINET

REAR VIEW OF DOOR

	Drawing Title							
	REAR VIEW OF DOOR							
DATE 12/30/03		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	BY C. RACHAL	ECN	DATE	BY
	Project Title	<div style="text-align: center;"> COX Research and Technology, Inc. </div>			P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)756-1030	PURCHASE ORDER NUMBER		
	OMEGA PROTEIN SLIMER CONTROL					DRAWING NUMBER CP-1706		
						SHEET NUMBER 5		

BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	3	AUTODIRECT	ECX1051-120	IND LAMP RED
2	2	AUTODIRECT	ECX1052-120	IND LAMP GREEN
3	2	AUTODIRECT	ECX1053-120	IND LAMP YELLOW
4	1	AUTODIRECT	ECX1054-120	IND LAMP BLUE
5	2	AUTODIRECT	GCX1300	2 POS SW
6	1	AUTODIRECT	ECX1030-5	NC CONTACT
7	1	AUTODIRECT	DO-05AR	CPU
8	1	AUTODIRECT	FO-04AD-1	ANALOG INPUT
9	1	AUTODIRECT	OP-413	SETPOINT DISPLAY
10	1	AUTODIRECT	OP-2CBL-2	CABLE ASSY
11	1	AUTODIRECT	OP-PS400	POWER SUPPLY OPT.
12	1	AUTODIRECT	FA24PS	24V POWER
13	1	CR MAGNETICS	CR4220-5	0-5a = 4/20ma
14	1	AUTODIRECT	GCX1101	PUSH BUTTON RED
15	1	AUTODIRECT	GCX1102	PUSH BUTTON GREEN
16	2	AUTODIRECT	GCX1100	PUSH BUTTON BLACK
17	25	WIELAND	57.504.0055.0	TERMINALS
18	1	WIELAND	07.311.0155.0	END COVER
19	2	WIELAND	57.904.5355.0	FUSE BLOCKS
20	1	ABB	98.300.1000.0	DIN RAIL
21	2	ACI	SCUSL	END BLOCK
22	1	ABB	05143	1X1 W/COVER 6'
23	3	IDEC	RH2BUAC120V	2 POLE RELAY
24	3	IDEC	SH2B05	2 POLE RELAY BASE
25	14	BAYOU IND.		NAME PLATES
25	1	LEADING EDGE	14 1/2"X18 1/4"	DOOR ASSEMBLY
26				

	Drawing Title						
	BILL OF MATERIALS						
DATE 12/29/03		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY C. RACHAL	ECN	DATE
	Project Title	<div style="border: 1px solid black; padding: 5px; margin: 0 auto; width: 150px;"> COX Research and Technology, Inc. </div>			P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)756-1030		PURCHASE ORDER NUMBER DRAWING NUMBER CP-1706 SHEET NUMBER 6
	OMEGA PROTEIN SLIMER CONTROL						