
COX

Research and Technology, Inc.

SIMPLEX COMPRESSOR
CONTROL PANEL
FOREST HILL OXIDATION POND

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

VOLTAGE	120/240V	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	1/60	
NO. MOTORS	1	
HP	10	
FLA	50	
TYPE OF PUMP	Blower	(Self-Priming, Submersible)
MANUFACTURER		
CATALOG NUMBER		
CONTROL VOLTAGE	120V	(120V, Other)
ENCLOSURE	NEMA 4X	(NEMA 1, NEMA 3R, NEMA 4, NEMA 4X)
ENCLOSURE MATERIAL	Fiberglass	(Painted Steel, Stainless Steel, Fiberglass)
CONTROL SENSOR	Clock	(Floats, Bubbler, Other)
CAPACITORS	No	(Yes, No)
CAPACITOR WIRING FIGURE	N/A	
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	X	

SOLD TO: DELTA PROCESS, BOSSIER CITY, LA
TAG : FOREST HILL OXIDATION POND

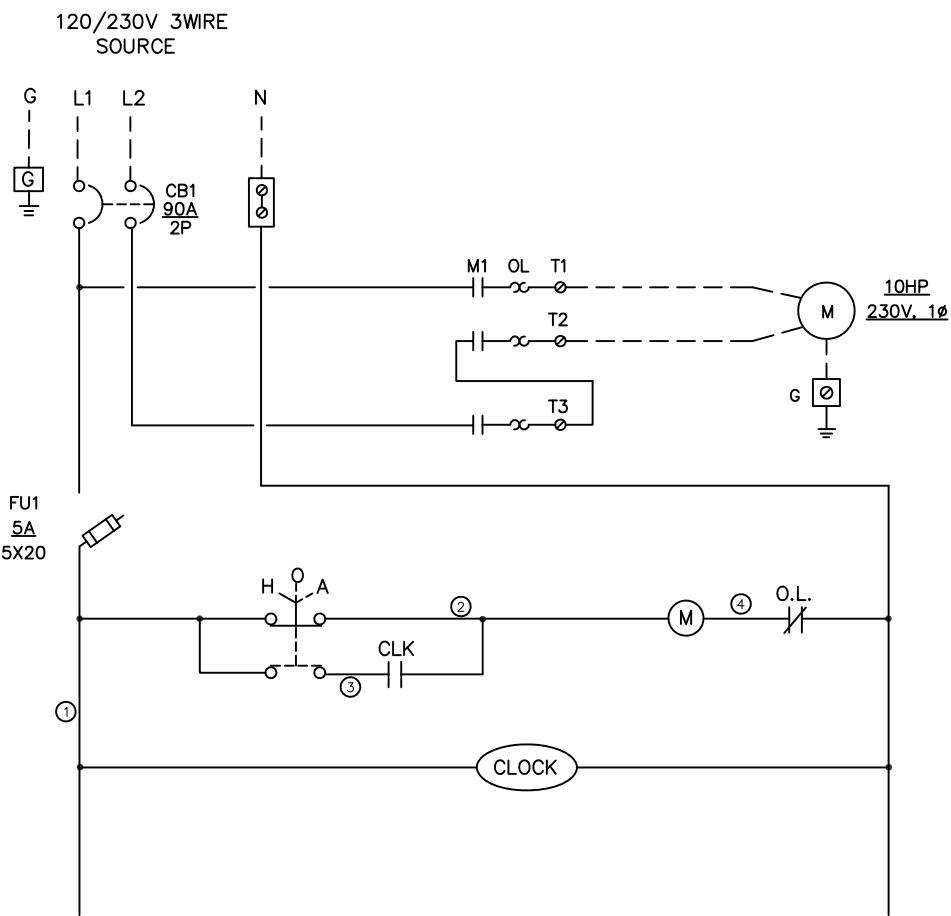
SHIP TO: DELTA PROCESS, RUSTON, LA

Drawing Title	PANEL DESCRIPTION			REFERENCE DRAWING S/N	NO. C.C.	REVISION-LOCATION DRAWN BY C. RACHAL	ECN	DATE APPROVED BY DATE
	Project Title SIMPLEX PUMP CONTROL PANEL							

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P.O. Box 77808
Baton Rouge, LA
70809
Ph. (225)756-3271
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PURCHASE ORDER NUMBER
DRAWING NUMBER CP-1940
SHEET NUMBER 1

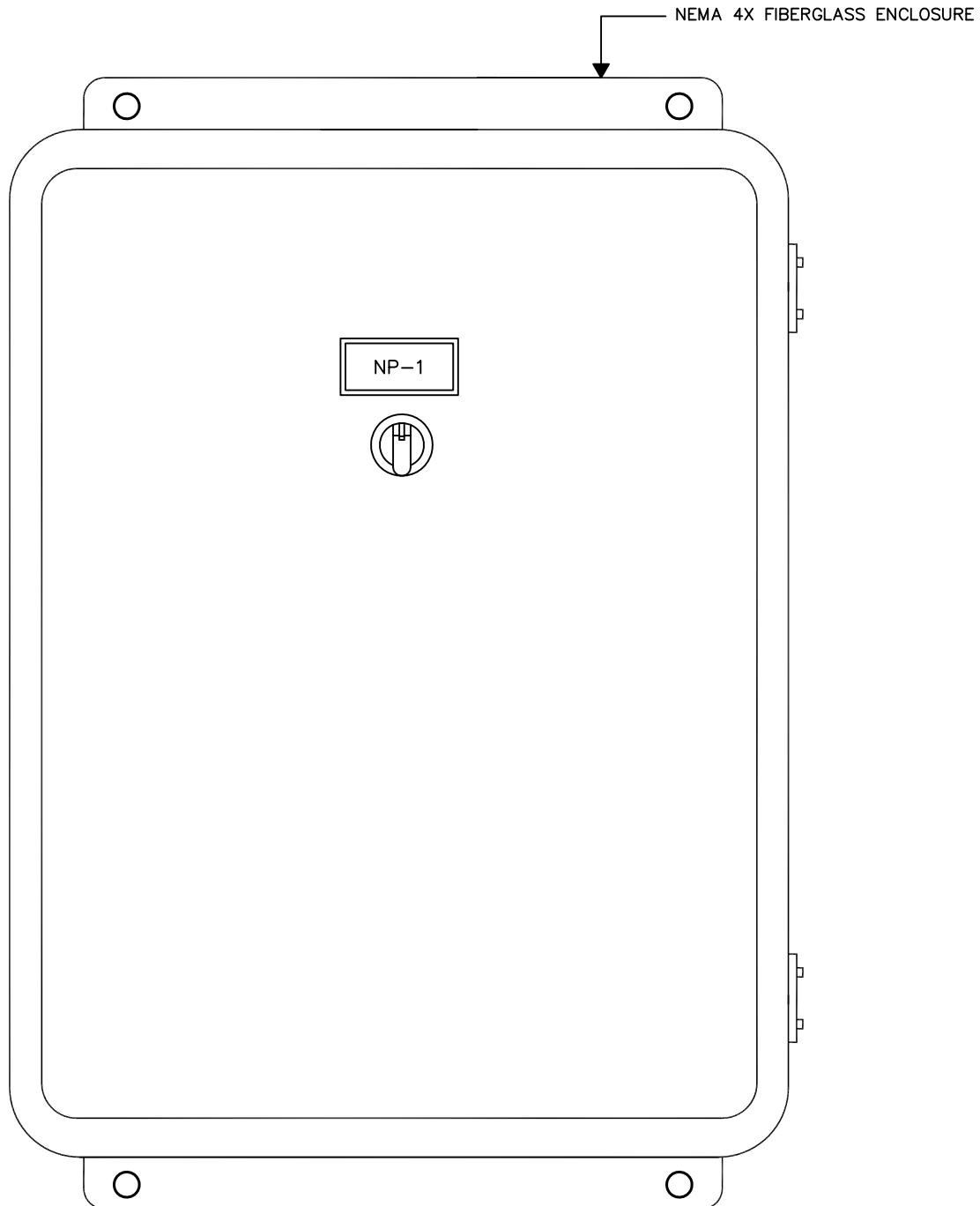


CLOCK - PINS OUT= TIME THAT COMPRESSOR WILL BE ON
PINS IN= TIME THAT COMPRESSOR WILL BE OFF

ON CLOCK MAKE SURE THAT THE MANUAL-AUTO-OFF LEAVER
IS IN THE CENTER POSITION (AUTO).

□ DENOTES PANEL TERMINAL
— DENOTES FIELD WIRING

	Drawing Title						
	POWER/CONTROL DIAGRAM						
DATE 10/28/04	REFERENCE DRAWING S/N	NO. C.C.	REVISION-LOCATION DRAWN BY C. RACHAL	ECN	DATE	BY	
	Sales Engineer	Application Engineer R.C.					APPROVED BY DATE
	Project Title SIMPLEX COMPRESSOR CONTROL PANEL	COX Research and Technology, Inc.			P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)755-1030	PURCHASE ORDER NUMBER DRAWING NUMBER CP-1940 SHEET NUMBER 2	



VIEW OF FRONT OF PANEL

NAMEPLATE SCHEDULE
NP-1 HOA

	Drawing Title ENCLOSURE					
DATE 10/28/04		REFERENCE DRAWING S/N	NO. C.C.	REVISION-LOCATION DRAWN BY C. RACHAL	ECN	DATE APPROVED BY DATE
	SIMPLEX COMPRESSOR CONTROL PANEL	COX Research and Technology, Inc.		P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)755-1030	PURCHASE ORDER NUMBER DRAWING NUMBER CP-1940 SHEET NUMBER 3	

BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	VYNCKIER	VJ1614HWPL	ENCLOSURE
1a	1	VYNCKIER	MP1614A	BACKPLATE
2	1	ABB	A50-30-11-84	MOTOR STARTER
3	1	ABB	TA75DU63	O.L. RELAY (45-63A)
4	1	SQUARE D	QOU290	CB1
5	1	MARATHON	1321580	NEUTRAL BLOCK
6	1	ACI	JR22P3M11B	HOA SWITCH
7	1	GRASSLIN	FM1/STUZL	24 HOUR CLOCK
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13				
14				
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17				
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25				

DATE 10/28/04	Drawing Title BILL OF MATERIALS						
		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY
		S/N	Sales Engineer	Application Engineer	DRAWN	APPROVED	
			C.C.	R.C.	BY C. RACHAL	BY	DATE
Project Title SIMPLEX COMPRESSOR CONTROL PANEL		<hr/> COX <hr/> Research and Technology, Inc. <hr/>			P.O. Box 77808 Baton Rouge, LA 70809		PURCHASE ORDER NUMBER
							DRAWING NUMBER CP-1940
					Ph. (225)756-3271 Fax (225)756-1030		SHEET NUMBER 4