
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

CP-1940


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

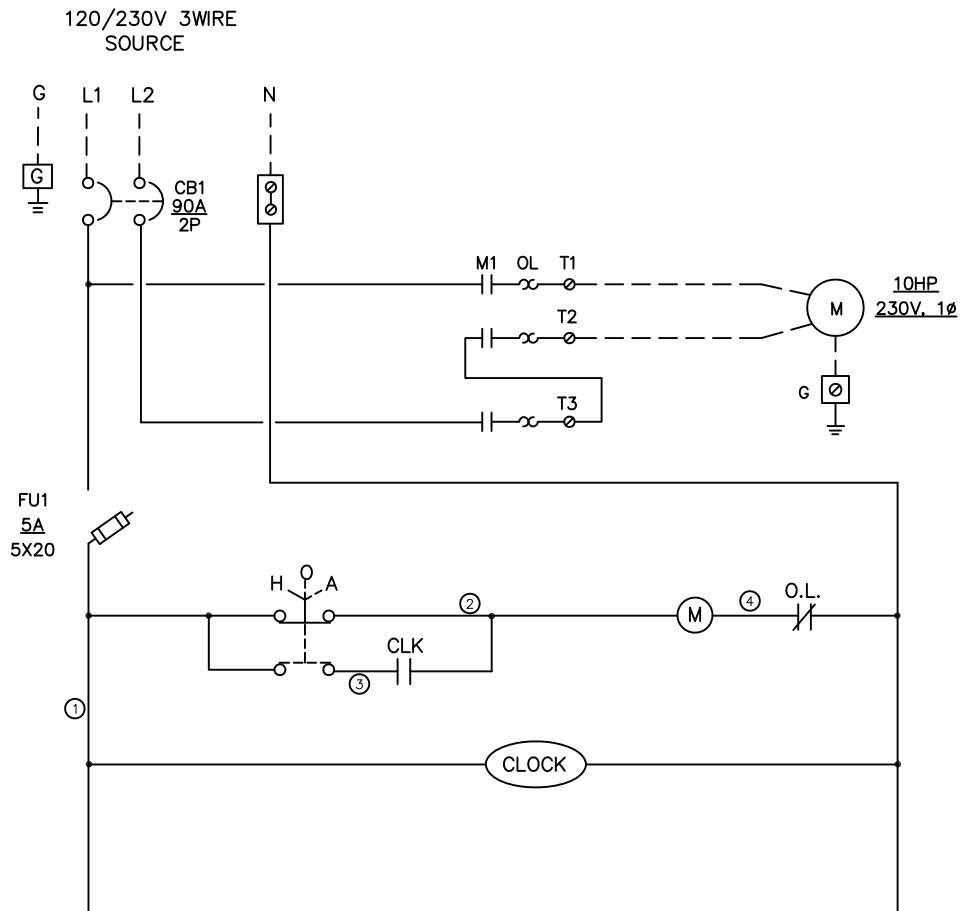
OPTIONS:

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

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

SHIP TO: DELTA PROCESS, RUSTON, LA

	Drawing Title							
	PANEL DESCRIPTION							
DATE 10/28/04		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY C. RACHAL	ECN	DATE	BY
	Project Title	<div style="text-align: center;">  Research and Technology, Inc. </div>			P.O. Box 77808 Baton Rouge, LA 70809		PURCHASE ORDER NUMBER	
	SIMPLEX PUMP CONTROL PANEL				Ph. (225)756-3271 Fax (225)756-1030		DRAWING NUMBER CP-1940	
							SHEET NUMBER 1	

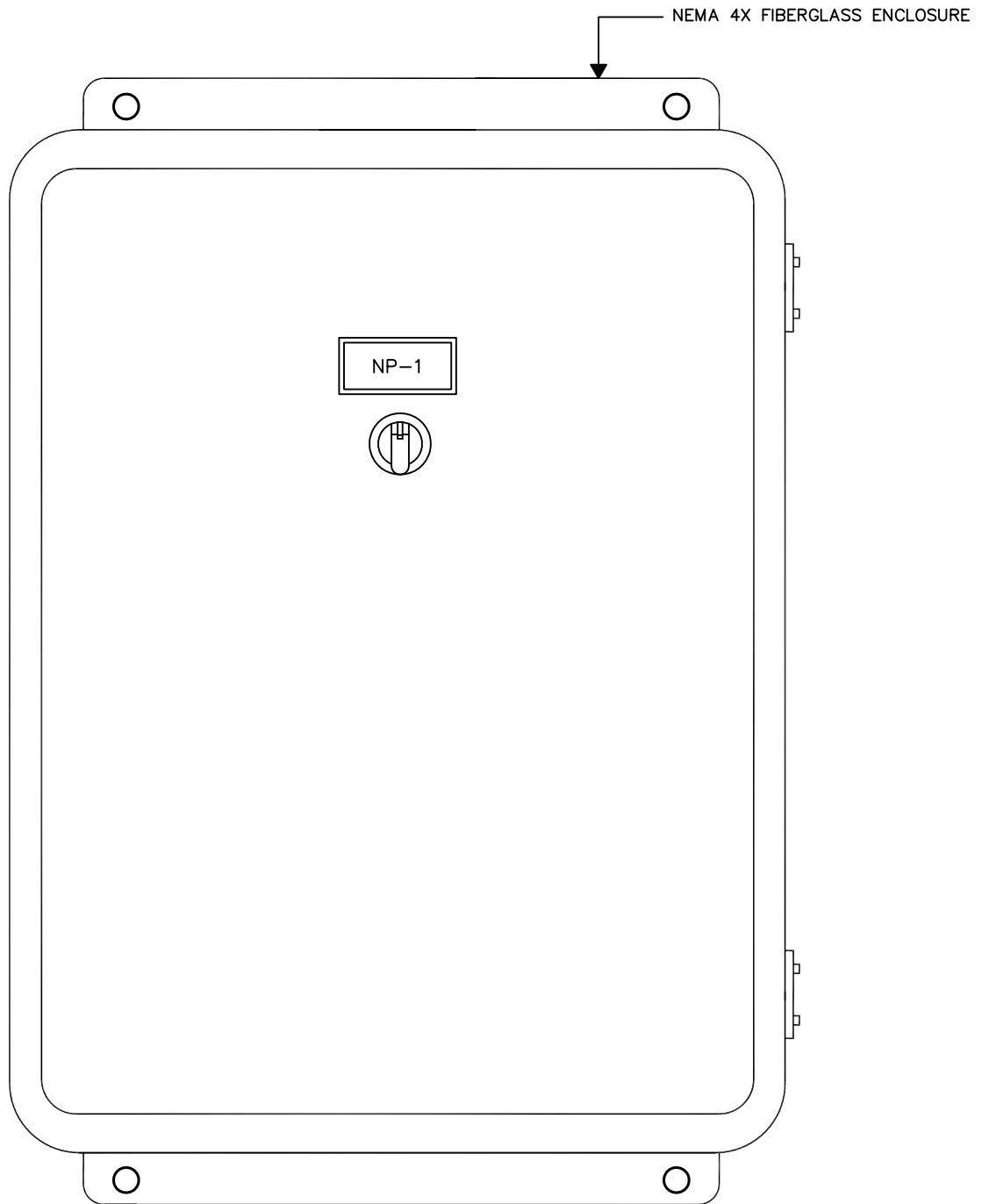


CLOCK - PINS OUT= TIME THAT COMPRESSOR WILL BE ON
PINS IN= TIME THAT COMPRESSOR WILL BE OFF

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. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	BY C. RACHAL	ECN	DATE	BY	APPROVED
	Project Title	COX Research and Technology, Inc.			P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)755-1030	PURCHASE ORDER NUMBER			
	SIMPLEX COMPRESSOR CONTROL PANEL					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. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	BY C. RACHAL	ECN	DATE	BY
	Project Title	<div> <div>COX</div> <div>Research and Technology, Inc.</div> </div>				P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)755-1030	PURCHASE ORDER NUMBER	
	SIMPLEX COMPRESSOR CONTROL PANEL						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/STUZZL	24 HOUR CLOCK
8				
9				
10				
11				
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23				
24				
25				

	Drawing Title						
	<h2 style="margin: 0;">BILL OF MATERIALS</h2>						
DATE 10/28/04		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY
		S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN BY C. RACHAL	APPROVED BY	DATE
	Project Title	<div style="border-top: 3px double black; border-bottom: 3px double black; padding: 5px 0;"> <h1 style="margin: 0;">COX</h1> <p style="margin: 0;">Research and Technology, Inc.</p> </div>			P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)756-1030		PURCHASE ORDER NUMBER DRAWING NUMBER <div style="text-align: right;">CP-1940</div> SHEET NUMBER <div style="text-align: right;">4</div>
	<h2 style="margin: 0;">SIMPLEX COMPRESSOR CONTROL PANEL</h2>						