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# COX

Research and Technology, Inc.

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## HOLMES BLOWER CONTROL PANEL

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	3	
FLA	17	
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		

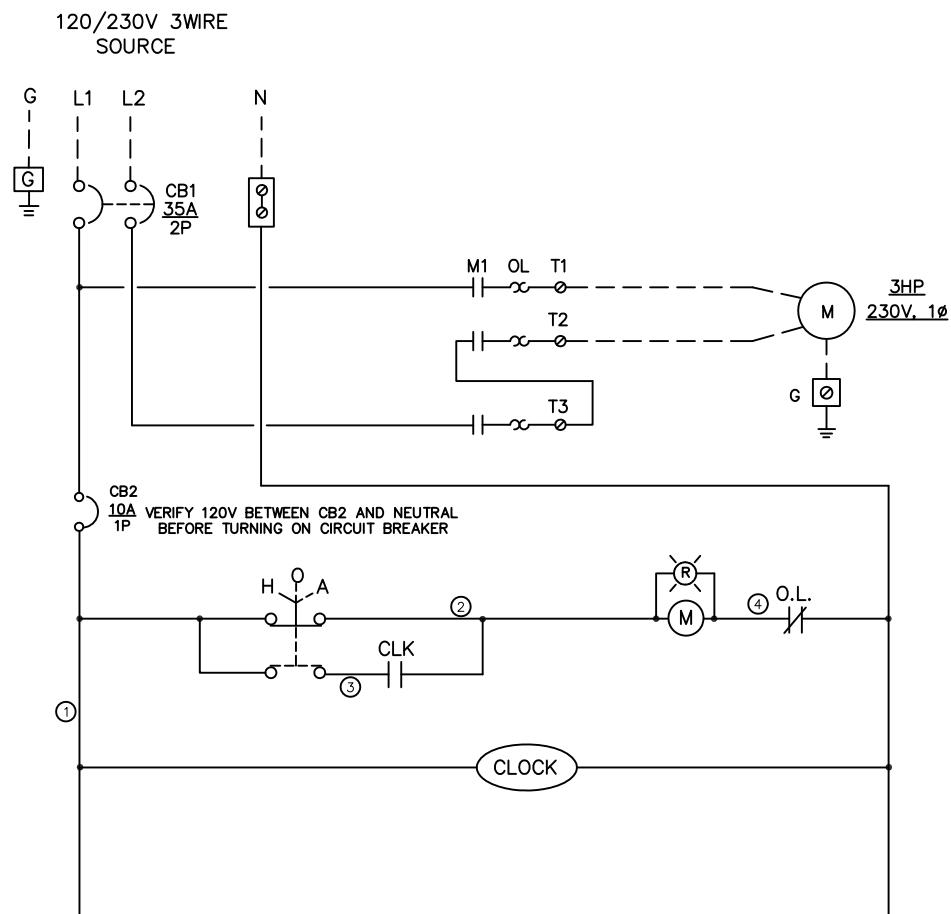
OPTIONS:

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	_____	

SOLD TO: Delta Process - New Orleans, LA  
 TAG : HOLMES

SHIP TO: Delta Process - Denham Springs, LA

Drawing Title	PANEL DESCRIPTION		REFERENCE DRAWING S/N	NO. C.C.	REVISION-LOCATION DRAWN BY C. RACHAL	ECN	DATE	BY
						DATE APPROVED BY	DATE APPROVED BY	DATE APPROVED BY
DATE 2/23/06	Project Title  SIMPLEX COMPRESSOR CONTROL PANEL	COX Research and Technology, Inc.	P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER				
			Ph. (225)756-3271 Fax (225)755-1030	DRAWING NUMBER CP-2320				
				SHEET NUMBER 1				

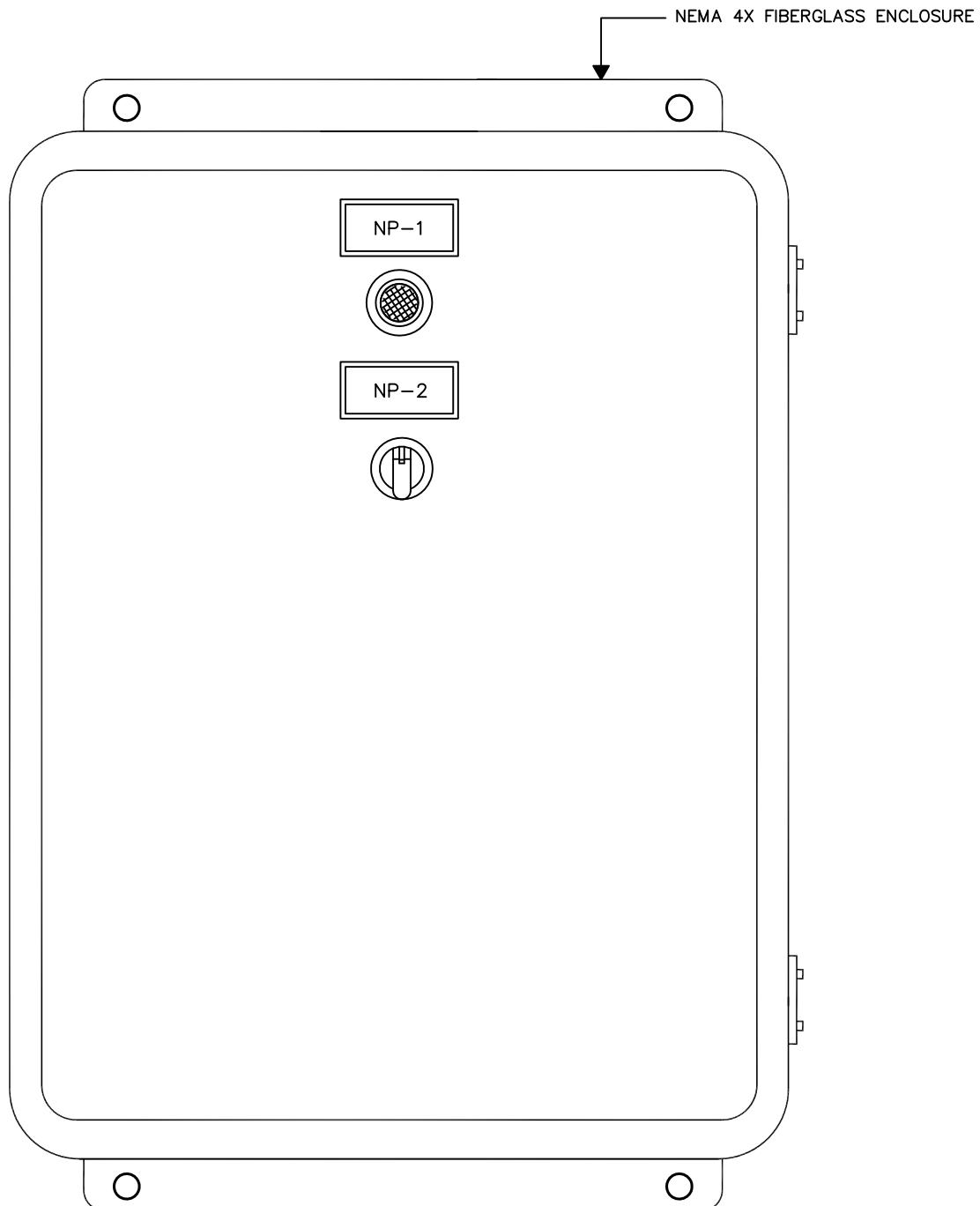


CLOCK – PINS OUT= TIME THAT COMPRESSOR WILL BE ON  
PINS IN= TIME THAT COMPRESSOR WILL BE OFF

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 2/23/06	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	COX Research and Technology, Inc.			P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER	
	SIMPLEX COMPRESSOR CONTROL PANEL				Ph. (225)756-3271 Fax (225)755-1030	DRAWING NUMBER CP-2320	SHEET NUMBER 2



VIEW OF FRONT OF PANEL

NAMEPLATE SCHEDULE

NP-1	BLOWER RUN
NP-2	HOA

	Drawing Title					
	ENCLOSURE					
DATE 2/23/06	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	<u>COX</u> Research and Technology, Inc. <u>                  </u>			PURCHASE ORDER NUMBER	
					DRAWING NUMBER	CP-2320
					SHEET NUMBER	3

## BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	STAHLIN	RJ1412HPL	ENCLOSURE
1a	1	STAHLIN	BP1412AL	BACKPLATE
2	1	ABB	A26-30-11-84	MOTOR STARTER
3	1	ABB	TA25DU19	O.L. RELAY (13-19A)
4	1	SQUARE D	QOU235	CB1
5	1	SQUARE D	QOU110	CB2
6	1	MARATHON	1321580	NEUTRAL BLOCK
7	1	ACI	JR22P3M11B	HOA SWITCH
8	1	GRASSLIN	FM1/STUZL	24 HOUR CLOCK
9	1	ACI	JR22FR	RED PILOT LIGHT
10				
11				
12				
13				
14				
15				
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17				
18				
19				
20				
21				
22				
23				
24				
25				

	Drawing Title  <b>BILL OF MATERIALS</b>					
		REFERENCE DRAWING S/N	NO. C.C.	REVISION-LOCATION DRAWN BY C. RACHAL	ECN	DATE APPROVED BY DATE
DATE 2/23/06		Sales Engineer	Application Engineer R.C.			
	Project Title  <b>SIMPLEX COMPRESSOR CONTROL PANEL</b>	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-2320 SHEET NUMBER 4