
COX

Research and Technology, Inc.

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

CP-2320

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>3</u>	
FLA	<u>17</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></u>	

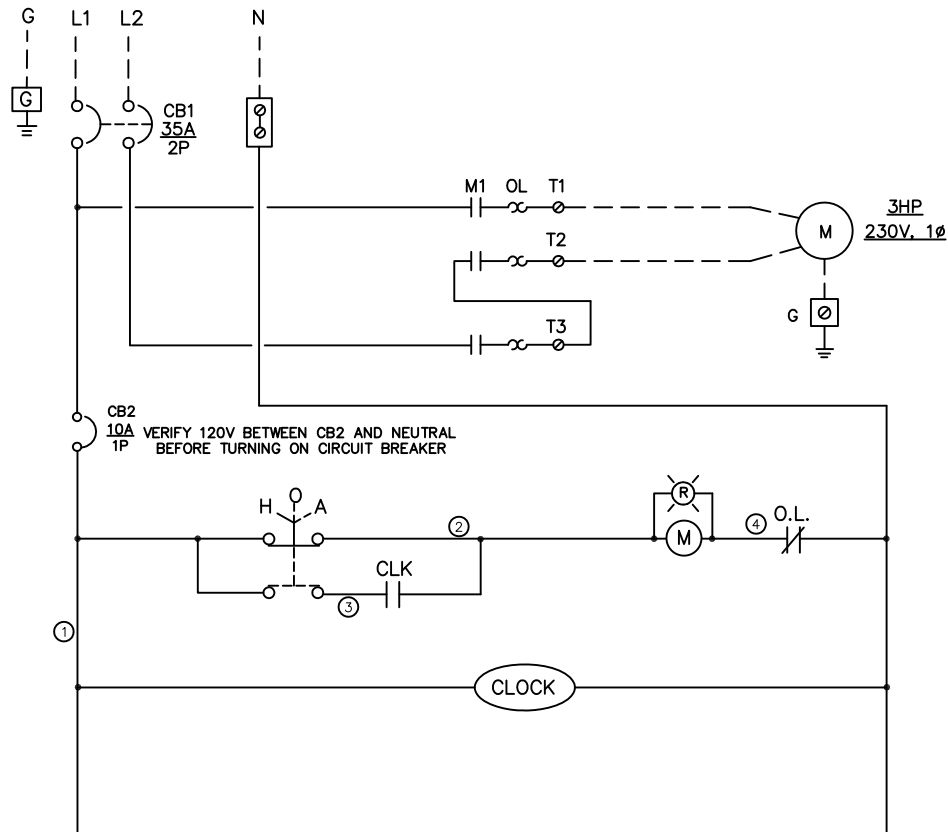
SOLD TO: Delta Process - New Orleans, LA

TAG : HOLMES

SHIP TO: Delta Process - Denham Springs, LA


	Drawing Title						
	PANEL DESCRIPTION						
DATE 2/23/06		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY C. RACHAL	ECN	DATE
	SIMPLEX COMPRESSOR CONTROL PANEL	<div style="text-align: center;">  Research and Technology, Inc. </div>			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


120/230V 3WIRE
SOURCE

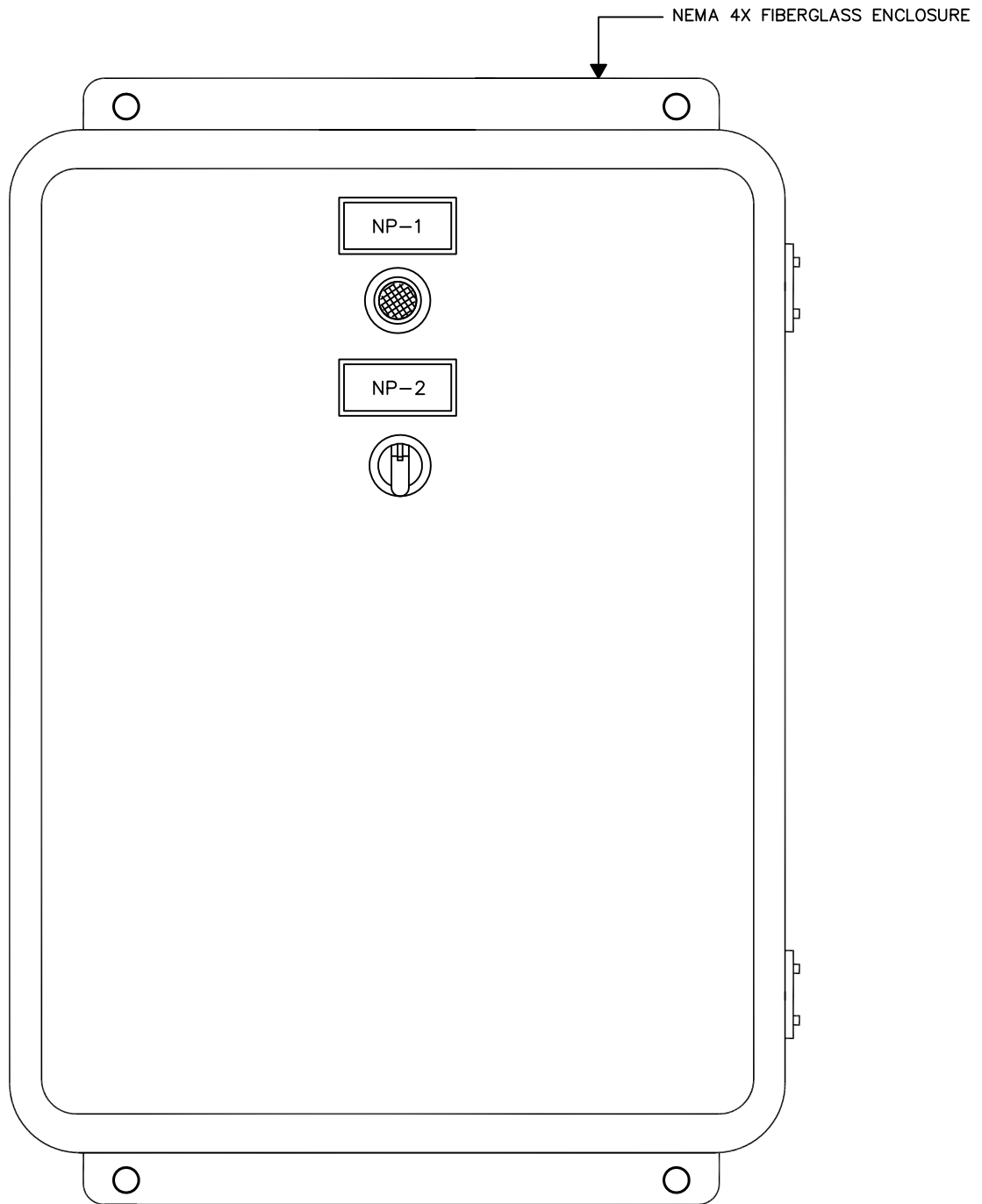


CLOCK - PINS OUT= TIME THAT COMPRESSOR WILL BE ON
PINS IN= TIME THAT COMPRESSOR WILL BE OFF

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 S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	BY C. RACHAL	ECN	DATE	BY	APPROVED
	Project Title	PURCHASE ORDER NUMBER			DRAWN		APPROVED		
	SIMPLEX COMPRESSOR CONTROL PANEL	 Research and Technology, Inc.			P.O. Box 77808 Baton Rouge, LA 70809		DRAWING NUMBER CP-2320		
		Ph. (225)756-3271 Fax (225)755-1030					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. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN	DATE	BY
	Project Title	DRAWN BY C. RACHAL			APPROVED BY DATE		
	SIMPLEX COMPRESSOR CONTROL PANEL	PURCHASE ORDER NUMBER					
		DRAWING NUMBER CP-2320					
		SHEET NUMBER			3		

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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/STUZZ	24 HOUR CLOCK
9	1	ACI	JR22FR	RED PILOT LIGHT
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