
COX

Research and Technology, Inc.

EXPLOSION PROOF
SIMPLEX MOTOR
CONTROL PANEL
HEADWORKS SUMP PUMP

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

CP-1981

VOLTAGE	277/480V	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	3/60	
NO. MOTORS	1	
HP	1.5	
FLA	2.5	
TYPE OF PUMP	Submersible	(Self-Priming, Submersible)
MANUFACTURER		
CATALOG NUMBER		
CONTROL VOLTAGE	120V	(120V, Other)
ENCLOSURE	NEMA 7/9	(NEMA 1, NEMA 3R, NEMA 4, NEMA 4X)
ENCLOSURE MATERIAL		(Painted Steel, Stainless Steel, Fiberglass)
CONTROL SENSOR	Floats	(Floats, Bubbler, Other)
CAPACITORS	No	(Yes, No)
CAPACITOR WIRING FIGURE	N/A	
THERM. & SEAL FAIL WIRING FIGURE		

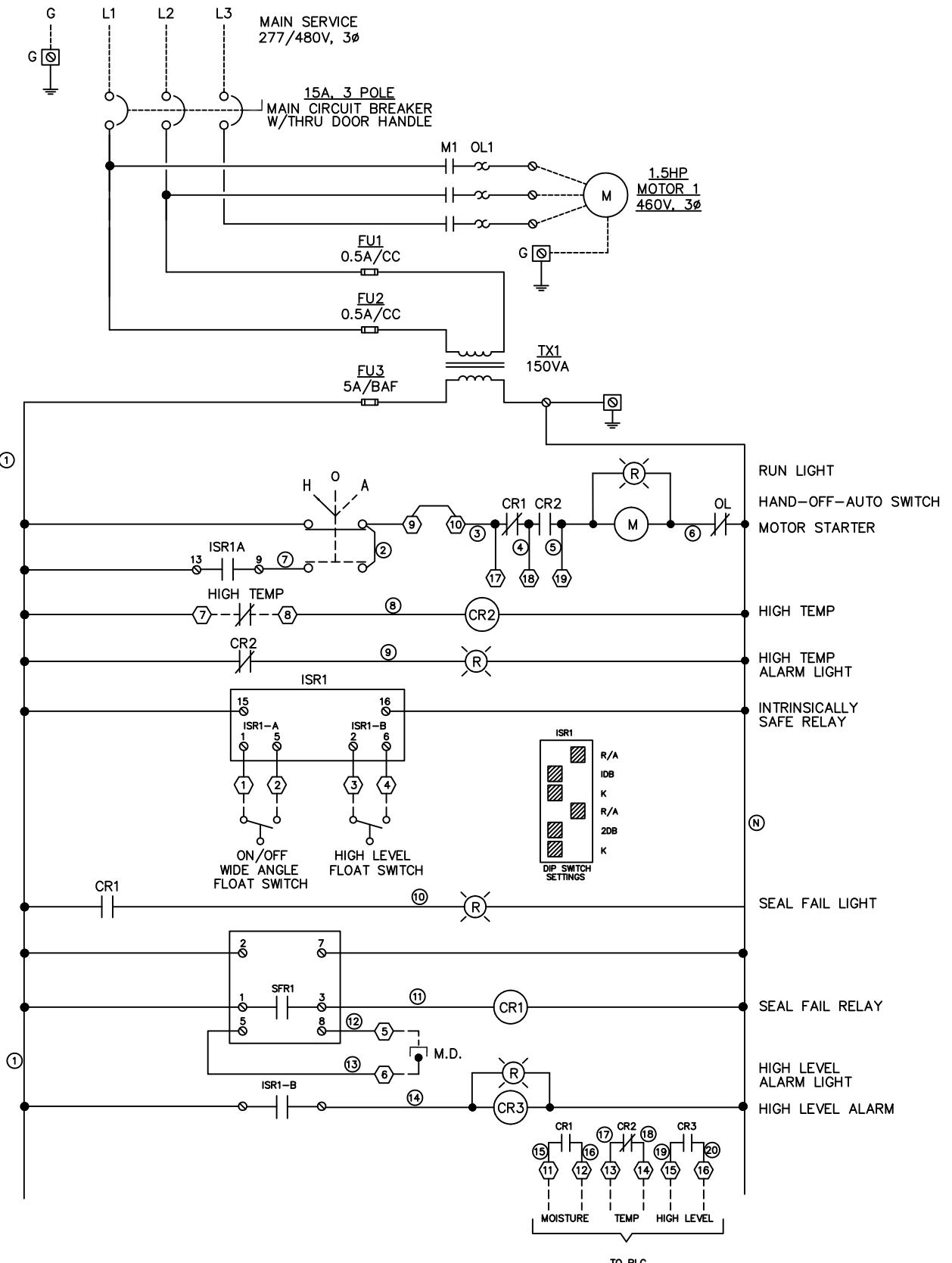
OPTIONS:

SEAL FAIL LIGHTS	X	(Submersible Only)
SEAL FAIL RELAYS	X	(Submersible Only)
SEAL FAIL PUMP SHUTDOWN	X	(Submersible Only)
HT PUMP SHUTDOWN	X	(Self-Primer, Submersible)
ALARM HORN		
ALARM LIGHT	X	
LIGHT PANEL MTD	X	
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	X	
HIGH TEMP. LOCKOUT, MANUAL RESET		
ECONOMY VERSION		

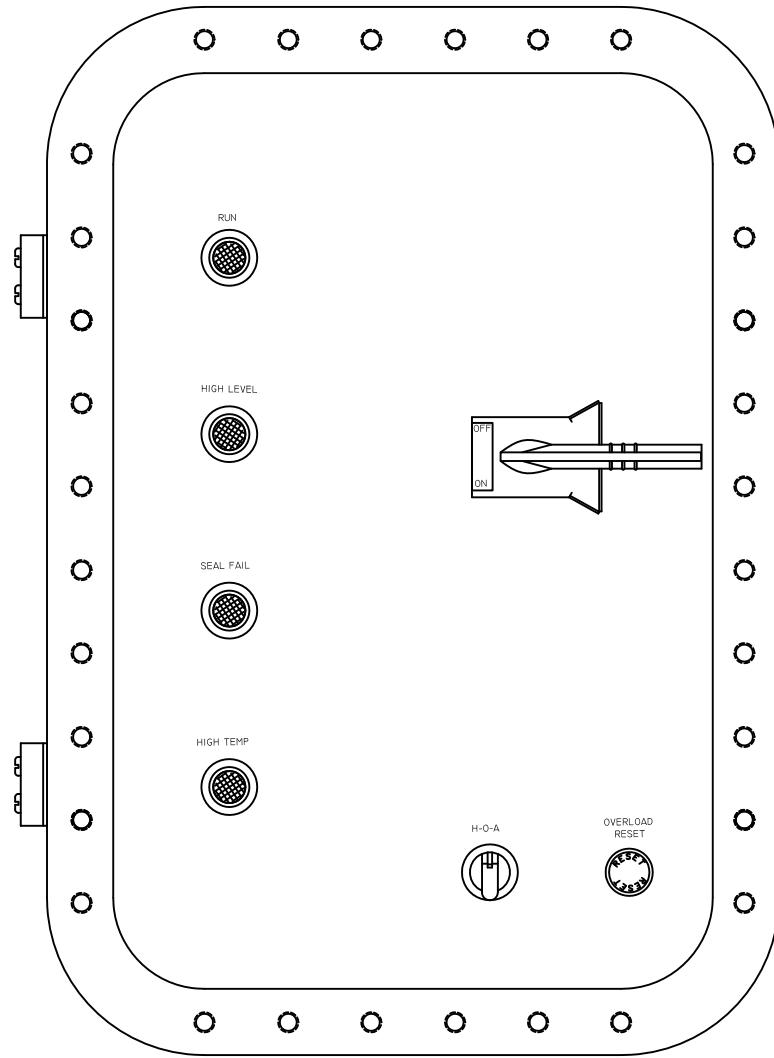
SOLD TO: Cajun Constructors
 TAG : Headworks Sump Pump

SHIP TO: Cajun Constructors

	Drawing Title PANEL DESCRIPTION								
		REFERENCE DRAWING S/N	NO. C.C.	REVISION-LOCATION DRAWN BY C. RACHAL	ECN	DATE APPROVED BY DATE			
DATE 1/19/05	Project Title SIMPLEX MOTOR CONTROL PANEL			P.O. Box 77808 Baton Rouge, LA 70809			PURCHASE ORDER NUMBER		
				Ph. (225)756-3271 Fax (225)755-1030			DRAWING NUMBER CP-1981		



	Drawing Title						
	POWER DIAGRAM						
	REFERENCE DRAWING	NO.	REVISION-LOCATION		ECN	DATE	BY
DATE 1/19/05	S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN BY C. RACHAL	APPROVED BY DATE		
Project Title	COX Research and Technology, Inc.			PURCHASE ORDER NUMBER			
SIMPLEX MOTOR CONTROL PANEL			P.O. Box 77808 Baton Rouge, LA 70809		DRAWING NUMBER CP-1981		
				Ph. (225)756-3271 Fax (225)755-1030		SHEET NUMBER 2	



ACTUAL LIGHT AND SWITCH LOCATION MAY VARY.

XCE 1218 COVER
N.T.S.

	Drawing Title ENCLOSURE					
DATE 1/19/05	REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN DRAWN BY C. RACHAL	DATE APPROVED BY DATE	BY
	Project Title SIMPLEX MOTOR CONTROL PANEL	<hr/> COX <hr/> Research and Technology, Inc. <hr/>		P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)755-1030	PURCHASE ORDER NUMBER DRAWING NUMBER CP-1981 SHEET NUMBER 3	

BILL OF MATERIAL

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	ADALET	XCE121806	NEMA 7/9 ENCLOSURE
2	1	ADALET	XSM1218	BACKPLATE
3	1	ABB	S1N015TL	CIRCUIT BREAKER 1
4	1	ABB	A16-30-10-84	MOTOR STARTER
5	1	ABB	TA25DU3.1	O.L. (2.2-3.1A)
6	1	ABB	T4150PSF1	TRANSFORMER
7	2	IDEC	RU4SCA110	CR1,2
8	1	TURCK	MK13-22EXO-R/115VAC	ISR RELAY
9	1	SSAC	LLC54AA	SEAL FAIL RELAY
10	1	ADALET	XHSSS	HOA
11	4	ADALET	SLRS-GH	PILOT LIGHTS
12	1	ADALET	XRB	RESET PUSH BUTTON
13	1	IDECA	RY2S-UAC120	CR3
14				
15				
16				

	Drawing Title BILL OF MATERIALS					
		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE BY
DATE 1/19/05		S/N	Sales Engineer	Application Engineer	DRAWN	APPROVED
			C.C.	R.C.	BY C. RACHAL	BY DATE
	Project Title SIMPLEX MOTOR CONTROL PANEL	<hr/> COX <hr/> Research and Technology, Inc. <hr/>			P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER
					Ph. (225)756-3271 Fax (225)755-1030	DRAWING NUMBER CP-1981
						SHEET NUMBER 4