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# **COX**

Research and Technology, Inc.

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EXPLOSION PROOF  
SIMPLEX MOTOR  
CONTROL PANEL  
AGI

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

VOLTAGE	120/208V	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	3/60	
NO. MOTORS	1	
HP	5	
FLA	17.5 (EST.)	
TYPE OF PUMP	Centrifical	
MANUFACTURER		(Self-Priming, Submersible)
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	Remote	(Floats, Bubbler, Other)
CAPACITORS	No	(Yes, No)
CAPACITOR WIRING FIGURE	N/A	
THERM. & SEAL FAIL WIRING FIGURE		

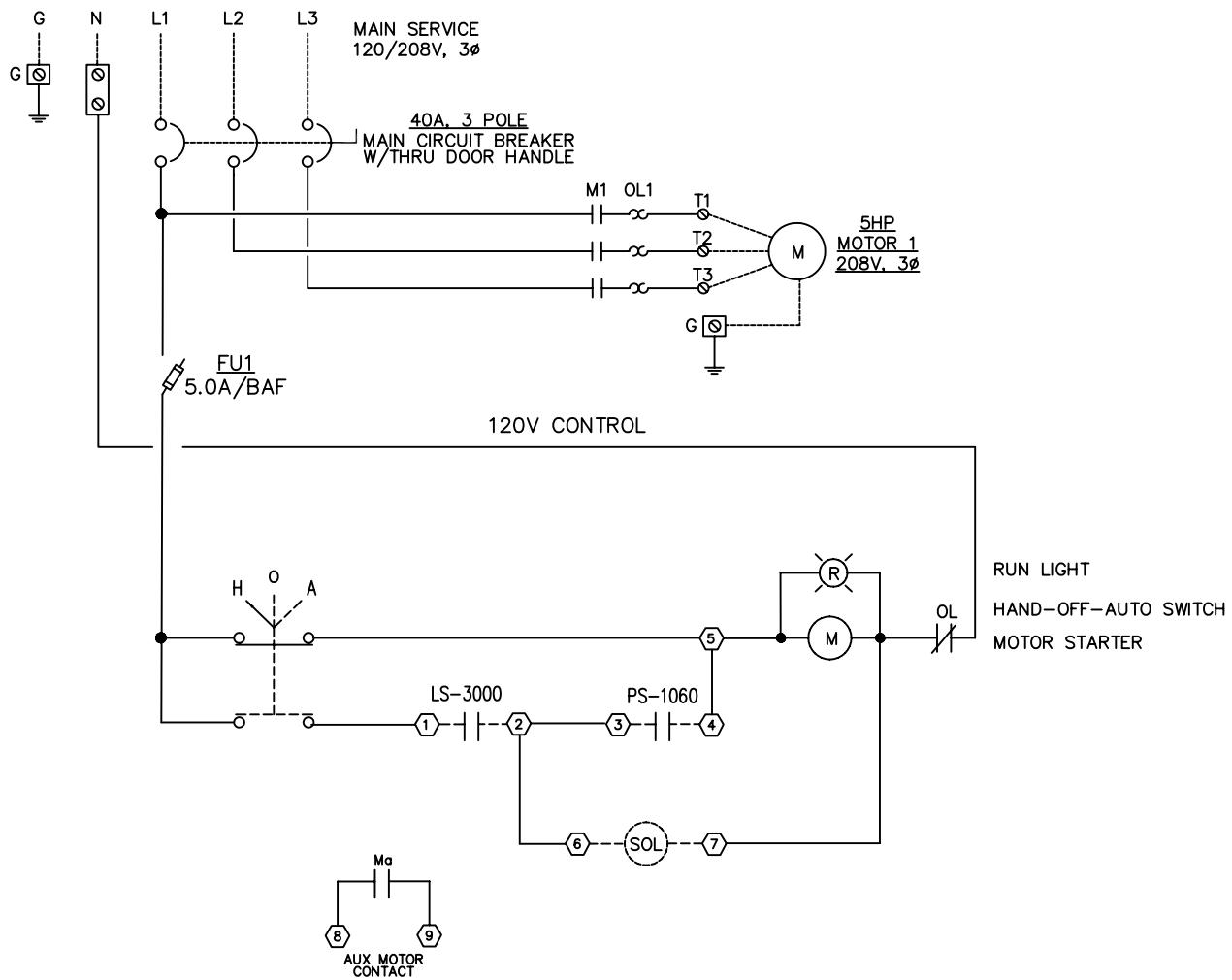
OPTIONS:

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	X	
GROUND FAULT RECPT.		
GREEN RUN LIGHTS VS. RED		
POLE, BOX, SEAL		
INTRINSICALLY SAFE RELAYS		
HIGH TEMP. LOCKOUT, MANUAL RESET		
ECONOMY VERSION		

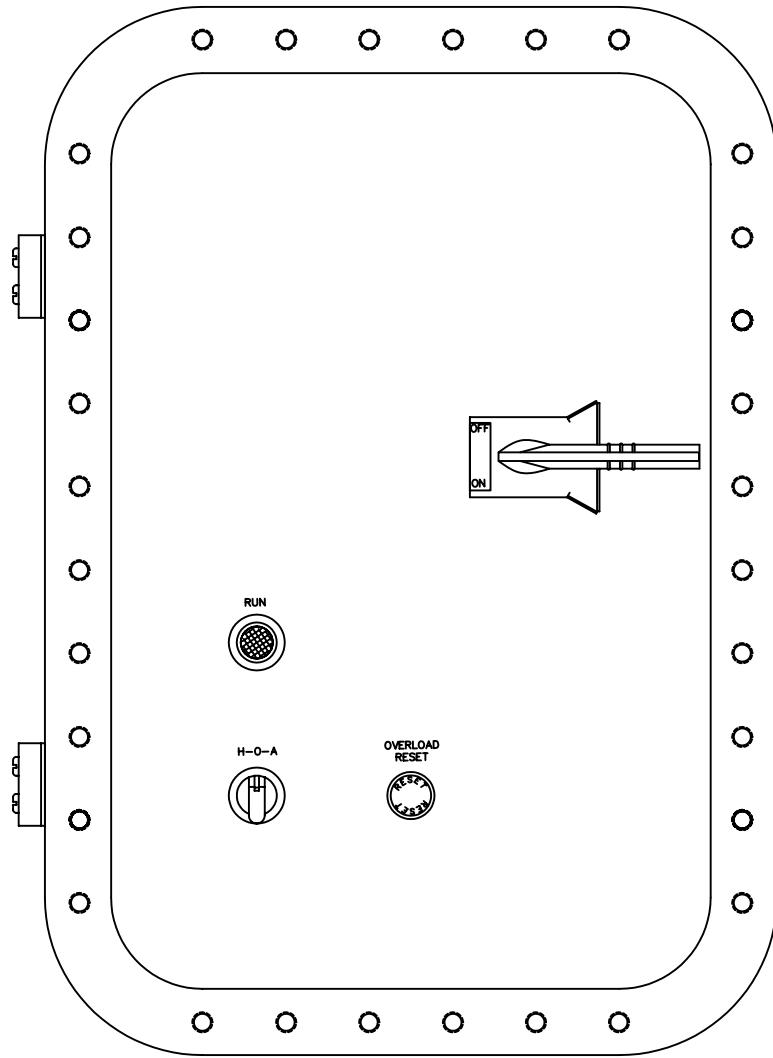
SOLD TO: AGI  
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SHIP TO:  
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Drawing Title	PANEL DESCRIPTION							
			REFERENCE DRAWING	NO.	REVISION-LOCATION		ECN	DATE BY
DATE	S/N	Sales Engineer	Application Engineer	DRAWN	APPROVED			
7/12/05		C.C.	R.C.	BY C. RACHAL	BY		BY	DATE
Project Title	SIMPLEX MOTOR CONTROL PANEL		<hr/> <hr/> <b>COX</b> <hr/> <hr/> Research and Technology, Inc. <hr/> <hr/>		P.O. Box 77808 Baton Rouge, LA 70809  Ph. (225)756-3271 Fax (225)755-1030		PURCHASE ORDER NUMBER	
							DRAWING NUMBER	
					CP-2110		SHEET NUMBER	
							1	



	Drawing Title				
	POWER DIAGRAM				
DATE 7/12/05		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN DRAWN BY C. RACHAL
					DATE APPROVED BY DATE
Project Title				P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER
SIMPLEX MOTOR CONTROL PANEL		COX Research and Technology, Inc.		Ph. (225)756-3271 Fax (225)755-1030	DRAWING NUMBER CP-2110
					SHEET NUMBER 2

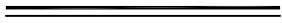


XCE 1014 COVER  
N.T.S.

	Drawing Title  <b>ENCLOSURE</b>					
DATE 7/12/05		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN DRAWN BY C. RACHAL	DATE APPROVED BY DATE
	Project Title  <b>SIMPLEX MOTOR CONTROL PANEL</b>	<b>COX</b> 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-2110 SHEET NUMBER 3

## BILL OF MATERIAL

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	ADALET	XCE101406	NEMA 7/9 ENCLOSURE
2	1	ADALET	XSM1014	BACKPLATE
3	1	ABB	S1N040TL	CIRCUIT BREAKER 1
4	1	ABB	A26N1-30-10-84	MOTOR STARTER
5	1	ABB	TA25DU19	O.L. (13-19A)
6	1	ADALET	XHSSS	HOA
7	1	ADALET	SLRS-GH	PILOT LIGHTS
8	1	ADALET	XRB	RESET PUSH BUTTON
9				
10				
11				
12				
13				
14				
15				
16				

	Drawing Title  BILL OF MATERIALS						
DATE 7/12/05	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 MOTOR CONTROL PANEL	 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	
						SHEET NUMBER	
						4	