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# COX

Research and Technology, Inc.

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EXPLOSION PROOF  
SIMPLEX MOTOR  
CONTROL PANEL

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

CP-1640

VOLTAGE

PHASE/HZ

NO. MOTORS

HP

277/480V

3/60

1

50HP - 57A

CONTROL VOLTAGE

ENCLOSURE

ENCLOSURE MATERIAL

CONTROL SENSOR

120V

NEMA 7/9

CAST ALUMINUM

START STOP

OPTIONS:

SEAL FAIL LIGHT

HT PUMP SHUTDOWN

ALARM HORN

ALARM LIGHT

ALARM PANEL MTD

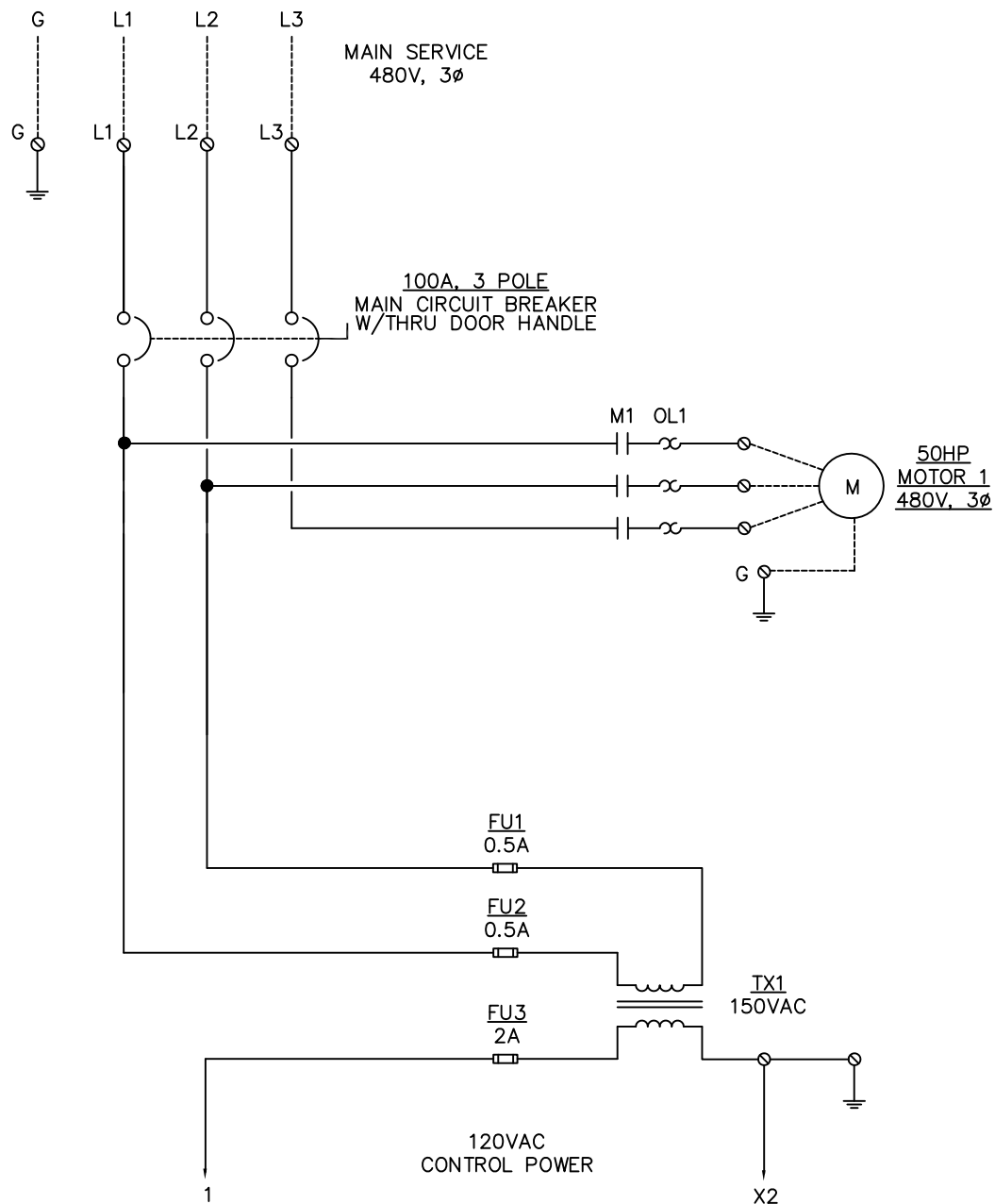
ALARM REMOTE MTD

ALARM FLASHER

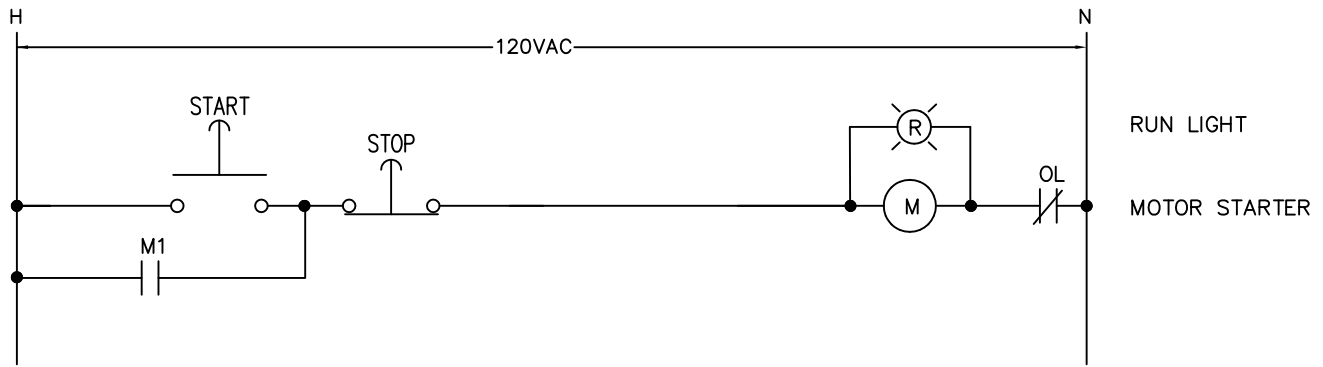
SOLD TO:

SHIP TO:

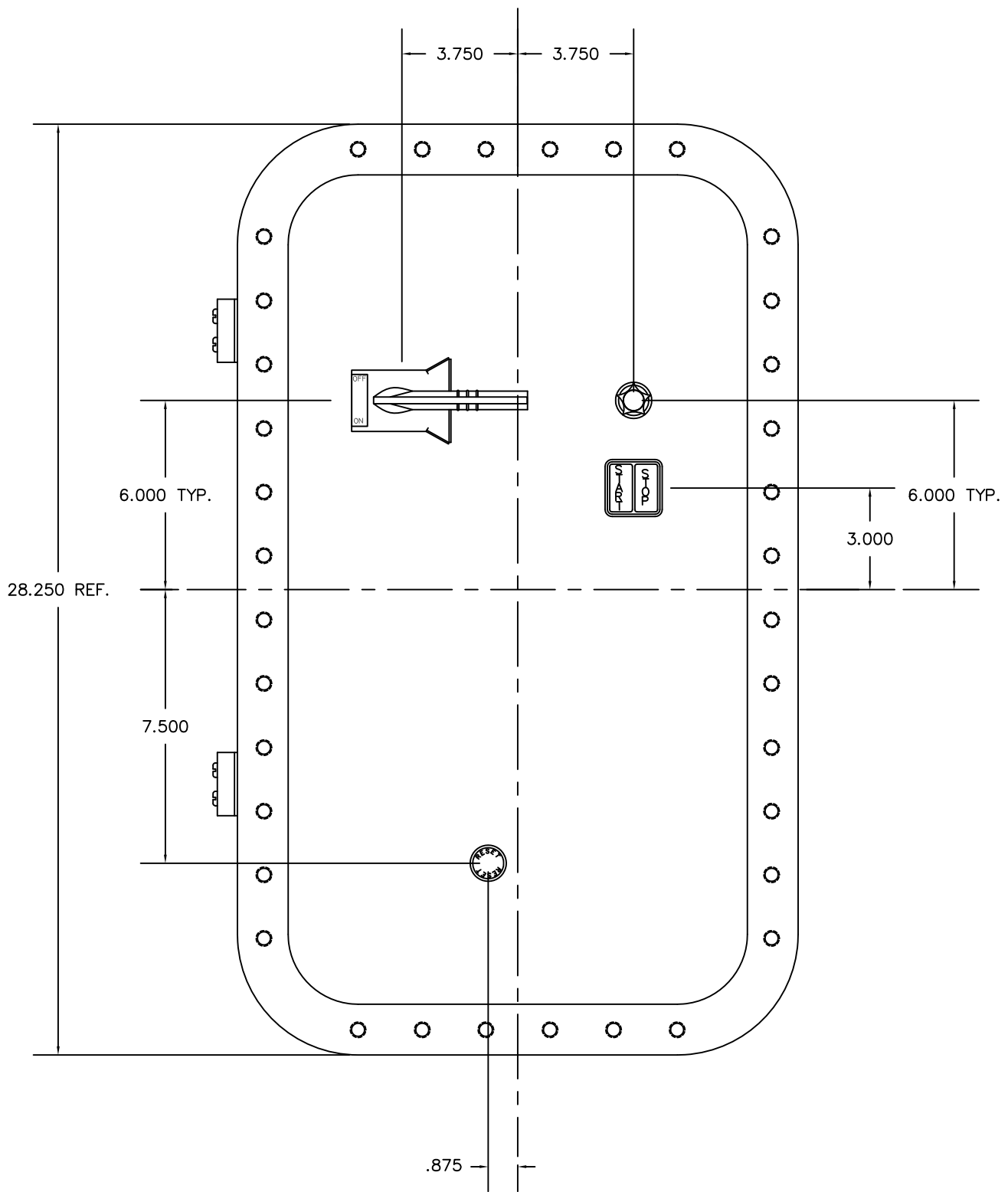
	Drawing Title							
	PANEL DESCRIPTION							
DATE 8/26/03		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	BY C. RACHAL	ECN	DATE	BY
	Project Title				DRAWN BY C. RACHAL		APPROVED BY DATE	
	SIMPLEX MOTOR CONTROL PANEL	<div>COX</div> <div>Research and Technology, Inc.</div>			P.O. Box 77808 Baton Rouge, LA 70809  Ph. (225)756-3271 Fax (225)756-1030		PURCHASE ORDER NUMBER	
							DRAWING NUMBER CP-1640	
							SHEET NUMBER 1	



	Drawing Title							
	POWER DIAGRAM							
DATE 8/26/03		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	BY C. RACHAL	ECN	DATE	BY
	Project Title	COX			P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER		
	SIMPLEX MOTOR CONTROL PANEL	Research and Technology, Inc.			Ph. (225)756-3271 Fax (225)756-1030	DRAWING NUMBER CP-1640		
						SHEET NUMBER 2		



	Drawing Title   CONTROL DIAGRAM								
DATE 8/26/03		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY C. RACHAL	ECN	DATE BY	APPROVED DATE	
	Project Title  SIMPLEX MOTOR CONTROL PANEL	<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)756-1030	PURCHASE ORDER NUMBER			
						DRAWING NUMBER CP-1640			
						SHEET NUMBER 3			



XCE 1224 N4 COVER  
N.T.S.

	Drawing Title							
	ENCLOSURE							
DATE		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY	
8/26/03		S/N	Sales Engineer C.C.	Application Engineer R.C.	BY C. RACHAL	APPROVED		
	Project Title				P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER		
	SIMPLEX MOTOR CONTROL PANEL	<div>COX</div> <div>Research and Technology, Inc.</div>			Ph. (225)756-3271 Fax (225)756-1030	DRAWING NUMBER CP-1640		
						SHEET NUMBER 4		

# BILL OF MATERIAL

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	ADALET	XCE122408N4	ENCLOSURE
2	1	ADALET	XSA1224	BACKPLATE
3	1	ABB	A75N3-30-11-84	STARTER
4	1	ABB	TA75DU63	O.L. (45-63A)
5	1	ABB	S3N100TW	CIRCUIT BREAKER 1
6	1	SQUARE D	9070TF150D1	CONTROL TRANSFORMER
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				

	Drawing Title						
	<h2 style="margin: 0;">BILL OF MATERIALS</h2>						
DATE 8/26/03		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;"> <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-1640</div> SHEET NUMBER <div style="text-align: right;">5</div>
	<h2 style="margin: 0;">SIMPLEX MOTOR CONTROL PANEL</h2>						