
COX

Research and Technology, Inc.

DUPLEX COMPRESSOR CONTROL PANEL

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

CP-1647

| | | |
|----------------------------------|------------|--|
| VOLTAGE | 120/240V | (480V, 277/480V, 240V, 120/240V, 208V, 120/208V) |
| PHASE/HZ | 1/60 | |
| NO. MOTORS | 2 | |
| HP | 5 | |
| FLA | 28 | |
| TYPE OF PUMP | | (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 | | (Floats, Bubbler, Other) |
| CAPACITORS | No | (Yes, No) |
| CAPACITOR WIRING FIGURE | | |
| THERM. & SEAL FAIL WIRING FIGURE | | |

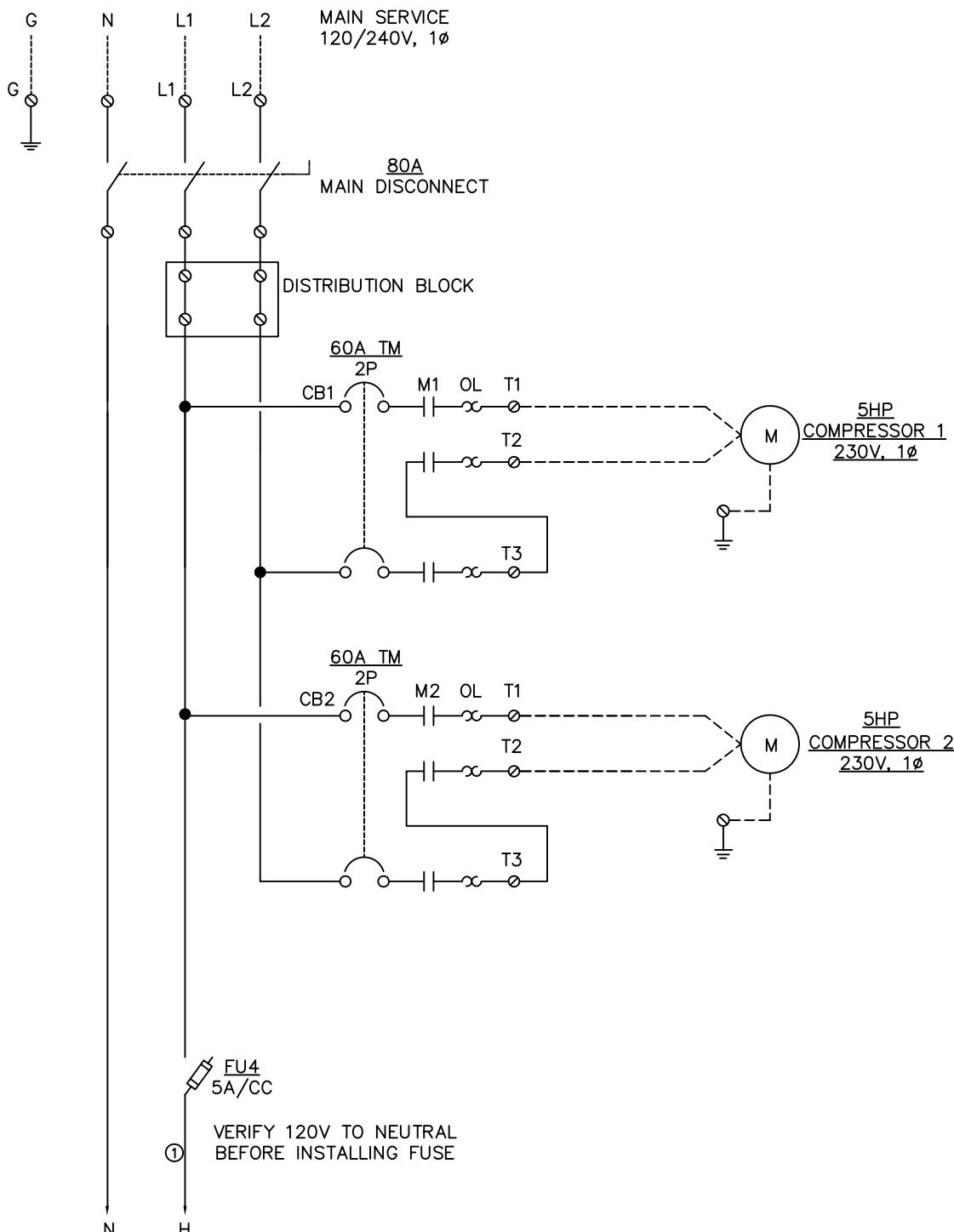
OPTIONS:

| | | |
|----------------------------------|---|----------------------------|
| 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 | X | |
| 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 | | |

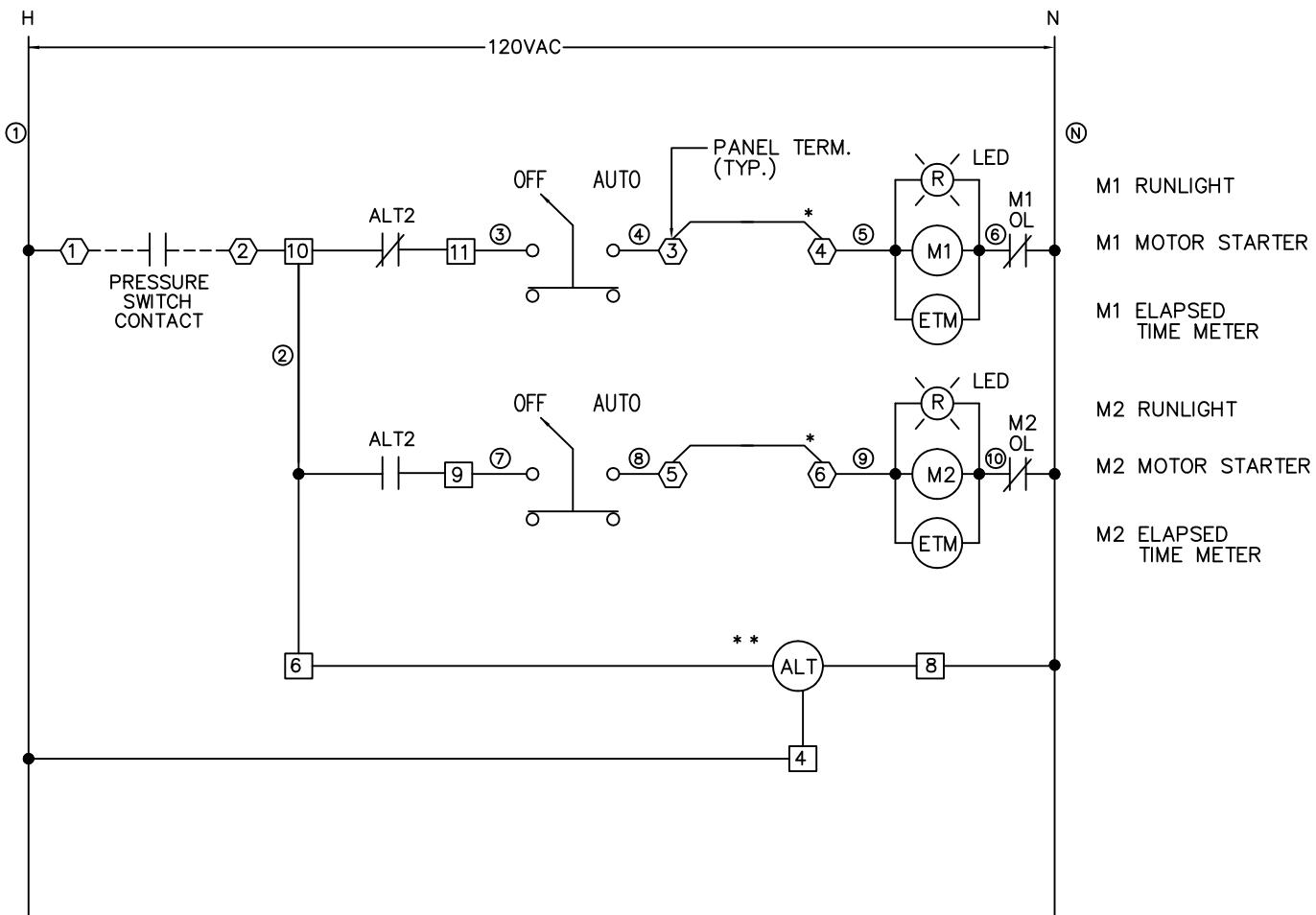
SOLD TO: Delta Process - Bossier City, LA
TAG :

SHIP TO: Delta Process - Bossier City, LA

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|-----------------|---|--|-------------------------------|---|--|---------------------------|--------------|
| | Drawing Title PANEL DESCRIPTION | | | | | | |
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| | | | | | | | |
| DATE 9/04/03 | | REFERENCE DRAWING S/N | NO. Sales Engineer C.C. | REVISION-LOCATION Application Engineer R.C. | DRAWN BY C. RACHAL | ECN APPROVED BY | DATE DATE |
| | Project Title DUPLEX PUMP CONTROL PANEL | <hr/> <hr/> COX <hr/> <hr/> Research and Technology, Inc. | | | P.O. Box 77808 Baton Rouge, LA 70809 | PURCHASE ORDER NUMBER | |
| | | | | | Ph. (225)756-3271 Fax (225)756-1030 | DRAWING NUMBER CP-1647 | |
| | | | | | | SHEET NUMBER 1 | |



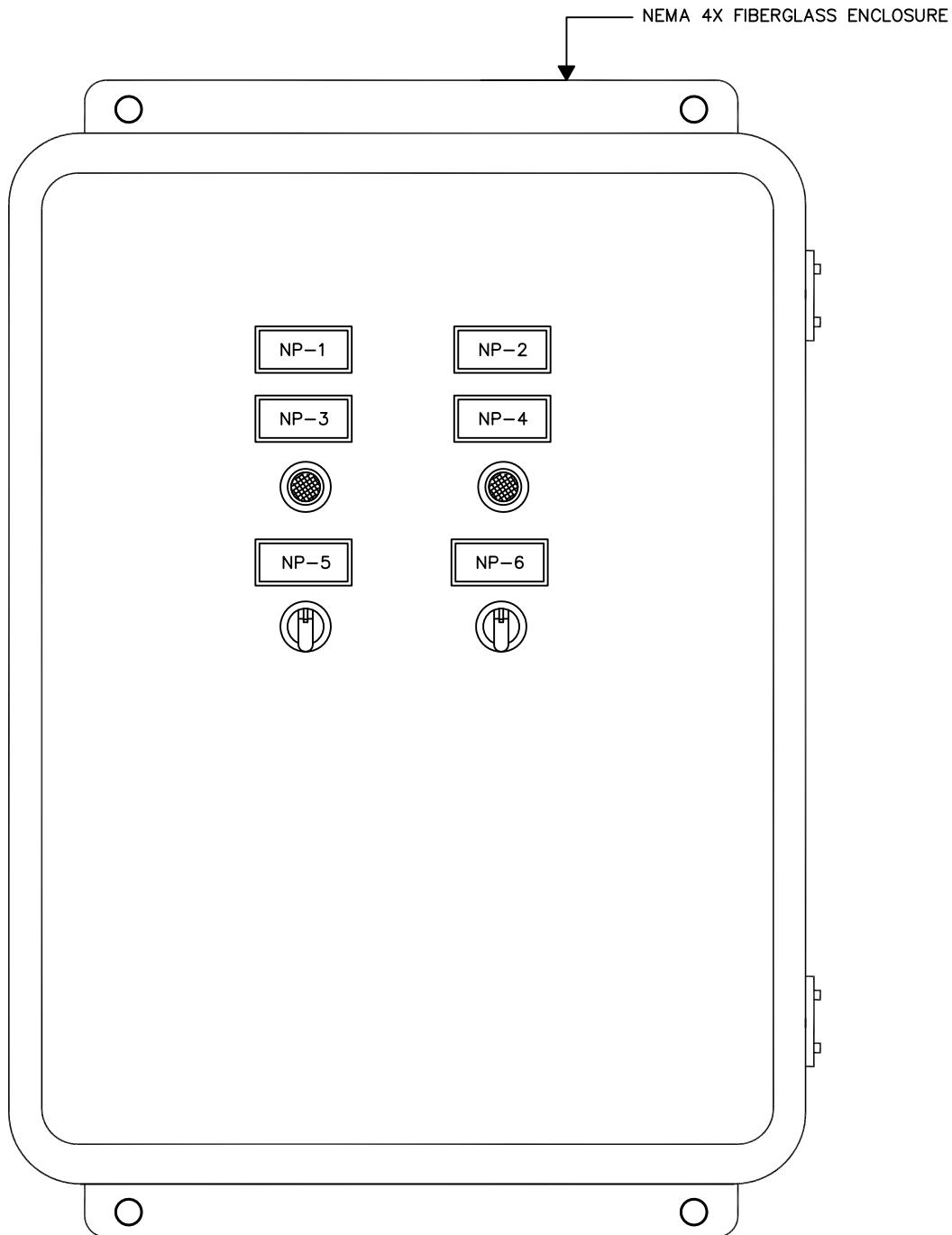
| | | | | | |
|---|---|--|---|-----|-----------------------------|
| | Drawing Title POWER DIAGRAM | | | | |
| | | | | | |
| | | | | | |
| DATE 9/04/03 | REFERENCE DRAWING S/N | NO. Sales Engineer C.C. | REVISION-LOCATION DRAWN BY C. RACHAL | ECN | DATE APPROVED BY DATE |
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* REMOVE JUMPERS AND INSTALL LOCKOUT DEVICES IF REQUIRED

** DIVERSIFIED ALTERNATOR

| | | | | | |
|---|--------------------------------------|--|---|-----|-----------------------------|
| | Drawing Title CONTROL DIAGRAM | | | | |
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| | | | | | |
| DATE 9/04/03 | REFERENCE DRAWING S/N | NO. Sales Engineer C.C. | REVISION-LOCATION DRAWN BY C. RACHAL | ECN | DATE APPROVED BY DATE |
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VIEW OF FRONT DOOR

NAMEPLATE SCHEDULE

| | |
|------|--------------|
| NP-1 | COMPRESSOR 1 |
| NP-2 | COMPRESSOR 2 |
| NP-3 | RUN |
| NP-4 | RUN |
| NP-5 | OFF-AUTO |
| NP-6 | OFF-AUTO |

NOTE:

SEWER GASSES WILL DESTROY COMPONENTS IN PANEL.
PROPER SEALS MUST BE INSTALLED EXTERNAL TO THE
PANEL TO PREVENT ENTRY OF GASSES.

| | | | | | | | |
|--|---|-------------------|---|--|---------------------------|----------------|------|
| | Drawing Title ENCLOSURE DATE 9/04/03 | | | | | | |
| | | 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 DUPLEX PUMP CONTROL PANEL | | COX Research and Technology, Inc. | P.O. Box 77808 Baton Rouge, LA 70809 | PURCHASE ORDER NUMBER | | |
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| | | | | | SHEET NUMBER | | |
| | | | | | 4 | | |

BILL OF MATERIALS

| ITEM | QTY | MANUFACTURER | PART NO. | DESCRIPTION |
|------|-----|--------------|--------------|---------------------|
| 1 | 1 | VYNCKIER | VJ1816HPL | ENCLOSURE |
| 1a | 1 | VYNCKIER | MP1816AL | BACKPLATE |
| 2 | 1 | ABB | OT63E3 | MAIN DISC. SWITCH |
| 3 | 2 | ABB | A30-30-10-84 | MOTOR STARTER |
| 4 | 2 | ABB | TA25DU32 | O.L. RELAY (24-32A) |
| 5 | 2 | SQUARE D | QOU260 | CB1, CB2 |
| 6 | 1 | DIVERSIFIED | ARB-120-ADA | ALTERNATING RELAY |
| 7 | 2 | ACI | JR22FR | RED PILOT LIGHT |
| 8 | 2 | ACI | JR22P2M11B | OFF-AUTO SWITCH |
| 9 | 2 | REDINGTON | 711-0187 | ELAPSED TIME METER |
| 10 | | | | |
| 11 | | | | |
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| | Drawing Title | | | | | | |
| | BILL OF MATERIALS | | | | | | |
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| | | | | | | | |
| DATE 9/04/03 | 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 | | COX | | P.O. Box 77808 Baton Rouge, LA 70809 | PURCHASE ORDER NUMBER | |
| | DUPLEX PUMP CONTROL PANEL | | Research and Technology, Inc. | | Ph. (225)756-3271 Fax (225)756-1030 | DRAWING NUMBER CP-1647 | |
| | | | | | | SHEET NUMBER 5 | |