
COX

Research and Technology, Inc.

DUPLEX PUMP
CONTROL PANEL
THE FOUNTAINS

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

CP-2141

| | | |
|----------------|-------------|--|
| VOLTAGE | 120/240V | (480V, 277/480V, 240V, 120/240V, 208V, 120/208V) |
| PHASE/HZ | 1/60 | |
| NO. MOTORS | 2 | |
| HP | 2 | |
| FLA | 19 | |
| TYPE OF PUMP | Submersible | (Self-Priming, Submersible) |
| MANUFACTURER | BARNES | |
| CATALOG NUMBER | 3SE2024L | |

| | | |
|----------------------------------|------------|--|
| 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 | (Floats, Bubbler, Other) |
| CAPACITORS | NO | (Yes, No) |
| CAPACITOR WIRING FIGURE | N/A | |
| THERM. & SEAL FAIL WIRING FIGURE | | |

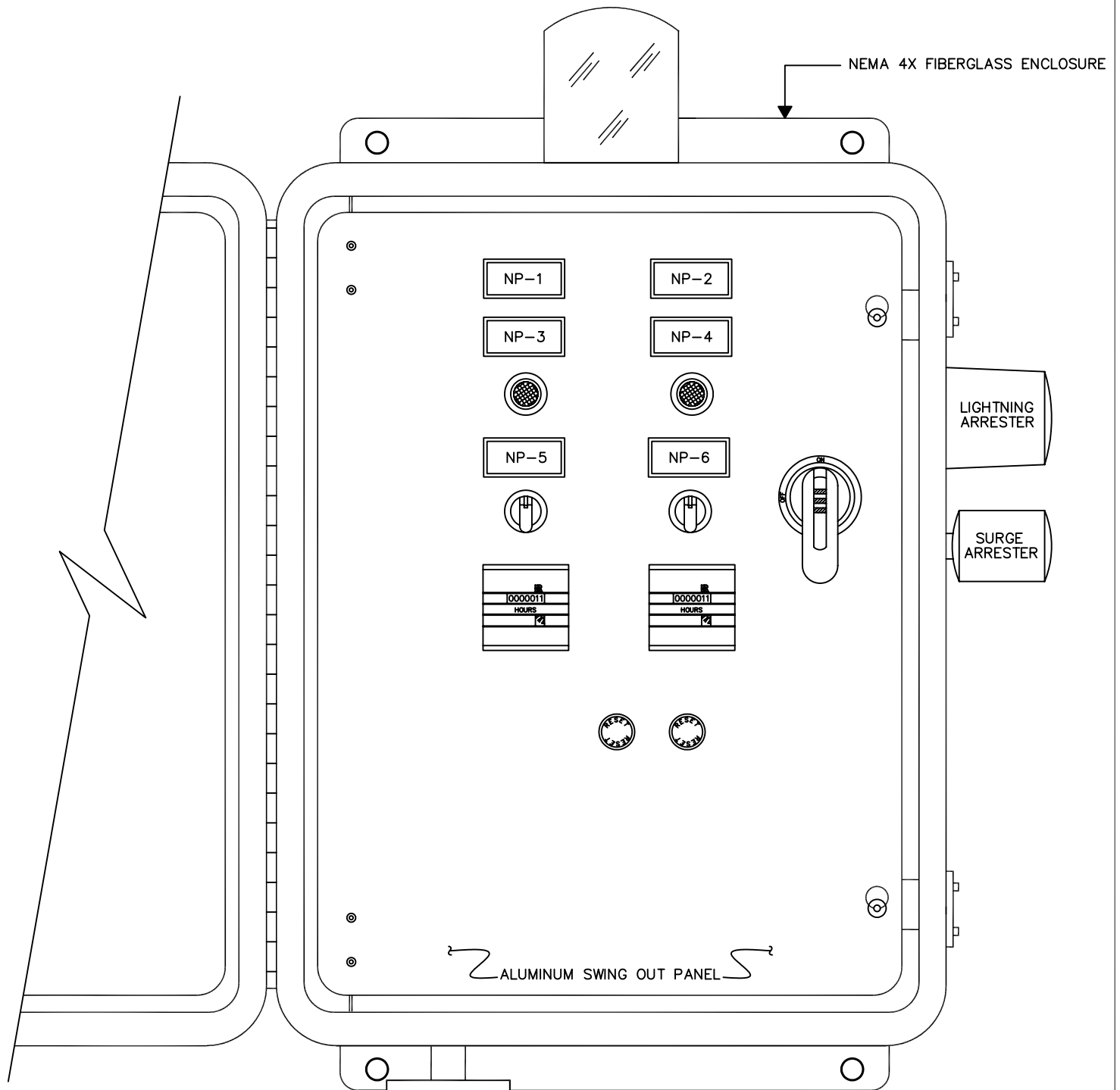
OPTIONS:

| | | |
|----------------------------------|---|----------------------------|
| 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 | X | |
| LIGHT PANEL MTD | X | |
| LIGHT REMOTE MTD | | |
| LIGHT FLASHER | X | |
| LIGHTNING ARRESTER | X | |
| ELAPSED TIME METER | X | |
| PHASE MONITOR | | |
| NEMA RATED STARTERS | | |
| GROUND FAULT RECPT. | X | |
| GREEN RUN LIGHTS VS. RED | | |
| POLE, BOX, SEAL | | |
| INTRINSICALLY SAFE RELAYS | | |
| HIGH TEMP. LOCKOUT, MANUAL RESET | | |
| ECONOMY VERSION | | |

SOLD TO: Delta Process - New Orleans, LA
TAG : The Fountains

SHIP TO: Delta Process - Denham Springs, LA

| | | | | | | | |
|-----------------|------------------------------|--------------------------------------|-------------------------------|---|--|---------------------------|------|
| | Drawing Title | | | | | | |
| | PANEL DESCRIPTION | | | | | | |
| | | | | | | | |
| DATE 9/22/05 | | REFERENCE DRAWING S/N | NO. Sales Engineer C.C. | REVISION-LOCATION Application Engineer R.C. | DRAWN BY C. RACHAL | ECN | DATE |
| | Project Title | COX Research and Technology, Inc. | | | P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)755-1030 | PURCHASE ORDER NUMBER | |
| | DUPLEX PUMP CONTROL PANEL | | | | | DRAWING NUMBER CP-2141 | |
| | | | | | | SHEET NUMBER 1 | |



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

VIEW OF SWING OUT PANEL

NAMEPLATE SCHEDULE

| | |
|------|--------|
| NP-1 | PUMP 1 |
| NP-2 | PUMP 2 |
| NP-3 | RUN |
| NP-4 | RUN |
| NP-5 | HOA |
| NP-6 | HOA |

| | | | | | | | | | |
|-----------------|------------------------------|-------------------|------------------------|------------------------------|-----------------------|---------------------------|----------------|----|------|
| DATE 9/22/05 | Drawing Title | | | | | | | | |
| | ENCLOSURE | | | | | | | | |
| | Project Title | | | | | | | | |
| | DUPLEX PUMP CONTROL PANEL | | | | | | | | |
| | | 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 |
| | | | | | | PURCHASE ORDER NUMBER | | | |
| | | | | | | DRAWING NUMBER CP-2141 | | | |
| | | | | | | SHEET NUMBER | | | |

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70809

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BILL OF MATERIALS

| ITEM | QTY | MANUFACTURER | PART NO. | DESCRIPTION |
|------|-----|----------------|--------------|--------------------|
| 1 | 1 | ALLIED | AM242008RLDF | ENCLOSURE |
| 1a | 1 | ALLIED | BP2420AL | BACKPLATE |
| 2 | 1 | ABB | OT63E3 | MAIN DISC. SWITCH |
| 3 | 2 | TELEMECHANIQUE | LC1D25G7 | MOTOR STARTER |
| 4 | 2 | TELEMECHANIQUE | L RD22 | O.L. (16-24A) |
| 5 | 2 | SQUARE D | QOU240 | CB1, CB2 |
| 6 | 1 | SQUARE D | QOU115 | CB3 |
| 7 | 1 | TIMEMARK | 261DT120 | ALTERNATING RELAY |
| 8 | 4 | ACI | JR22FR | RED PILOT LIGHT |
| 9 | 2 | ACI | JR22P3M20B | HOA SWITCH |
| 10 | 1 | AC/DC | BL5-R-120 | ALARM LIGHT |
| 11 | 1 | MARATHON | 1323580 | DISTRIBUTION BLOCK |
| 12 | 2 | REDINGTON | 711-0190 | ELAPSED TIME METER |
| 13 | 1 | DELTA | LA302R | LIGHTNING ARRESTER |
| 14 | 1 | STOCK | | GFI |
| 15 | 1 | MARATHON | 1321570 | NEUTRAL BLOCK |
| 16 | 1 | SSAC | FS126RC | FLASHER |
| 17 | 2 | ABB | KPR3-104B | O.L. RESET P.B. |
| 18 | 1 | ABB | EXP5X265 | SHAFT |
| 19 | 1 | ABB | OHB65J5 | HANDLE |
| 20 | 1 | DELTA | CA302 | SURGE CAPACITOR |
| 21 | | | | |
| 22 | | | | |
| 23 | | | | |
| 24 | | | | |
| 25 | | | | |

[illegible]