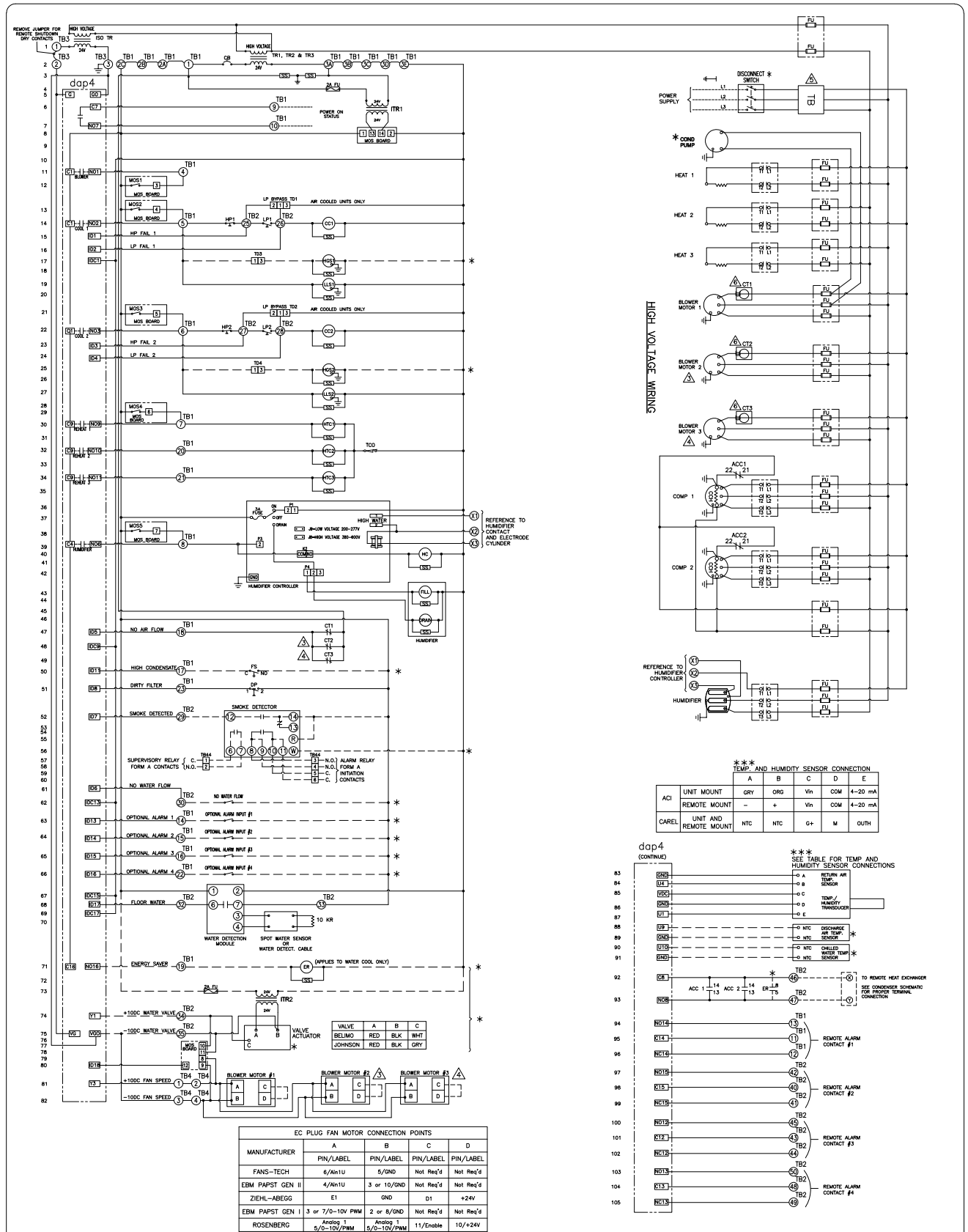


| EC PLUG FAN MOTOR CONNECTION POINTS | | | | |
|---|---|---|---|---|
| MANUFACTURER | A | B | C | D |
| | PIN/LABEL | PIN/LABEL | PIN/LABEL | PIN/LABEL |
| FANS-TECH | 6/Ain1U | 5/GND | Not Req'd | Not Req'd |
| EBM PAPST GEN II | 4/Ain1U | 3 or 10/GND | Not Req'd | Not Req'd |
| ZIEHL-ABEGG | E1 | GND | D1 | +24V |
| EBM PAPST GEN I | 3 or 7/0-10V PWM | 2 or 8/GND | Not Req'd | Not Req'd |
| ROSENBERG | Analog 1 5/0-10V/PWM | Analog 1 5/0-10V/PWM | 11/Enable | 10/+24V |

| VALVE | A | B | C |
|---|---|---|---|
| BELIMO | RED | BLK | WHT |
| JOHNSON | RED | BLK | GRY |

| *** TEMP. AND HUMIDITY SENSOR CONNECTION | | | | | | |
|---|---|---|---|---|---|---|
| | | A | B | C | D | E |
| ACI | UNIT MOUNT | GRY | ORG | Vin | COM | 4-20 mA |
| | REMOTE MOUNT | - | + | Vin | COM | 4-20 mA |
| CAREL | UNIT AND REMOTE MOUNT | NTC | NTC | G+ | M | OUTH |

## PANEL LEGEND

| | |
|---|---|
| ACC | AUXILIARY COMPRESSOR CONTACT |
| BC | BLOWER CONTACTOR |
| BF | BLOWER FUSE |
| BH | BLOWER HEATER |
| CB | COMPRESSOR CONTACTOR |
| CCH | CRANKCASE HEATER |
| CF | COMPRESSOR FUSE |
| CT | CURRENT TRANSDUCER |
| DPS | DIFFERENTIAL PRESSURE SWITCH |
| ER | ENERGY SAVER RELAY |
| ES | FLOAT SWITCH |
| FU | FUSE |
| HC | HUMIDIFIER CONTACTOR |
| HF | HUMIDIFIER FUSE |
| HGS | HOT GAS SOLENOID |
| HP | HIGH PRESSURE CUTOUT |
| HTC | REHEATER CONTACTOR |
| HTF | REHEATER FUSE |
| HUM | HUMIDIFIER |
| IT | 24V TO 24V ISOLATION TRANSFORMER |
| LP | LOW PRESSURE CUTOUT |
| LTS | LIQUID LINE TEMPERATURE SWITCH |
| MOL | MOTOR OVERLOAD |
| MOS | MANUAL OVERRIDE SWITCH |
| SS | SURGE SUPPRESSOR |
| TB | TERMINAL BLOCK |
| TDO | TIME DELAY CUTOUT |
| TR | TRANSFORMER |
| WS | WATER SENSING CHANGEOVER THERMOSTAT |
| dap4 | DAP 4 CONTROLLER |
| DS | DISCONNECT SWITCH |
| EM | EMERGENCY SHUTDOWN MODULE |
| FLS | FLOAT SWITCH |
| FU | FUSE |
| HM | HUMIDIFIER |
| PA | PROCESSOR ALARM |
| PS | PRESSURE SWITCH |
| ⊠ | NORTEC TERMINAL STRIP CONNECTION |
| ⊛ | TERMINAL BLOCK NO. |
| ---------- | FIELD WIRING |
| — — — | OPTIONAL WIRING |
| * | OPTIONAL COMPONENTS |
| *** | TEMP. AND HUMIDITY SENSOR CONNECTION TABLE |
| ◁3▷ | USE ON 56-91KW UNITS |
| ◁4▷ | USE ON 106KW UNITS |
| ◁5▷ | TB MAY BE OMITTED WHEN DISCONNECT SWITCH IS USED |
| ◁6▷ | FOR CT THREE (3) LOOPS IS THE MINIMUM NUMBER OF LOOPS; AN ADDITIONAL LOOP (4) IS ALSO ACCEPTABLE |

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DWG TITLE: *gForce DX SERIES with DAP 4 CONTROLLER*

JOB NO:

DRAWN BY: *M. COCHRAN*

PROJECT NO: *CFXSS03XY*

CHECKED BY: *F. BELTRAN*

OPTION:

EFFECTIVITY DATE: *05-01-2019*

DWGRAM NO: *GFX-S-903 XY*

REVISION: *J*