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- Wiring Diagram for DXM2 Microprocessor Control Logic**
- Power and Grounding:**
- 277V Transformer (See Note 3): 277V primary, 24V secondary (CB).
 - Grounding: GND, GRY, BLU, YEL, WHT, GRN.
- Compressor and Pump Circuits:**
- Compressor:** Includes thermal protector (SAC, CRC, H, C), over load protection, and fuses (0.8A LP-CC).
 - UPM-GEO PUMP:** Connected to the main power line.
- Relay and Switching:**
- RIB Relay Option (09-18 ONLY):** Includes TB 3, L1, L2, and various control lines (YEL, VIO, GRY, BRN).
 - Relays:** K1 RELAY, K2 RELAY, MSC2, MSC3(1), MSC3(2), MSC3(3), MSC3(4), MSC3(5).
- DXM2 Microprocessor Control Logic Connections:**
- P1:** Y1, Y2, W1, O/W2, G, R, C, AL1.
 - P2:** AL2, R, NSB, C, ESD, OVR, H, A.
 - P3:** R, NO1, NC1, COM, NO2, NC2, COM, R.
 - P4:** Gnd, B-, A+, 24V.
 - P5:** COM, NO, NC, NO.
 - P6:** 24V DC, EHI, EHZ.
 - P7:** CCG, CC, YEL.
 - P8:** 12V DC, IN, OUT, Gnd, NC.
 - P9:** T1, T2, T3, T4, T5, T6.
 - P10:** EWT, LWT, LAT, CDT.
 - P11:** AO-1, Gnd, AO-2, Gnd.
 - P12:** S1 DIP SWITCH PACKAGE (OFF ON).
 - P13:** S2 DIP SWITCH PACKAGE (OFF ON).
 - P14:** 10-10V PWM (See Note PMP2).
- Notes:**
- SEE NOTE 1: TB 3 (L1 & L2) WILL TAKE PLACE OF CC (L1 & L2).
 - SEE NOTE 2: See I.O.M. for DIP SWITCH DEFINITIONS.
 - SEE NOTE 3: 277V Trans.
 - SEE NOTE 4: See Note 4 for fault status and control logic.
 - SEE NOTE 5: See Note 5 for control logic.
 - SEE NOTE 6: See Note 6 for control logic.
 - SEE NOTE 7: See Note 7 for control logic.
 - SEE NOTE 8: See Note 8 for control logic.
 - SEE NOTE 9: See Note 9 for control logic.
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