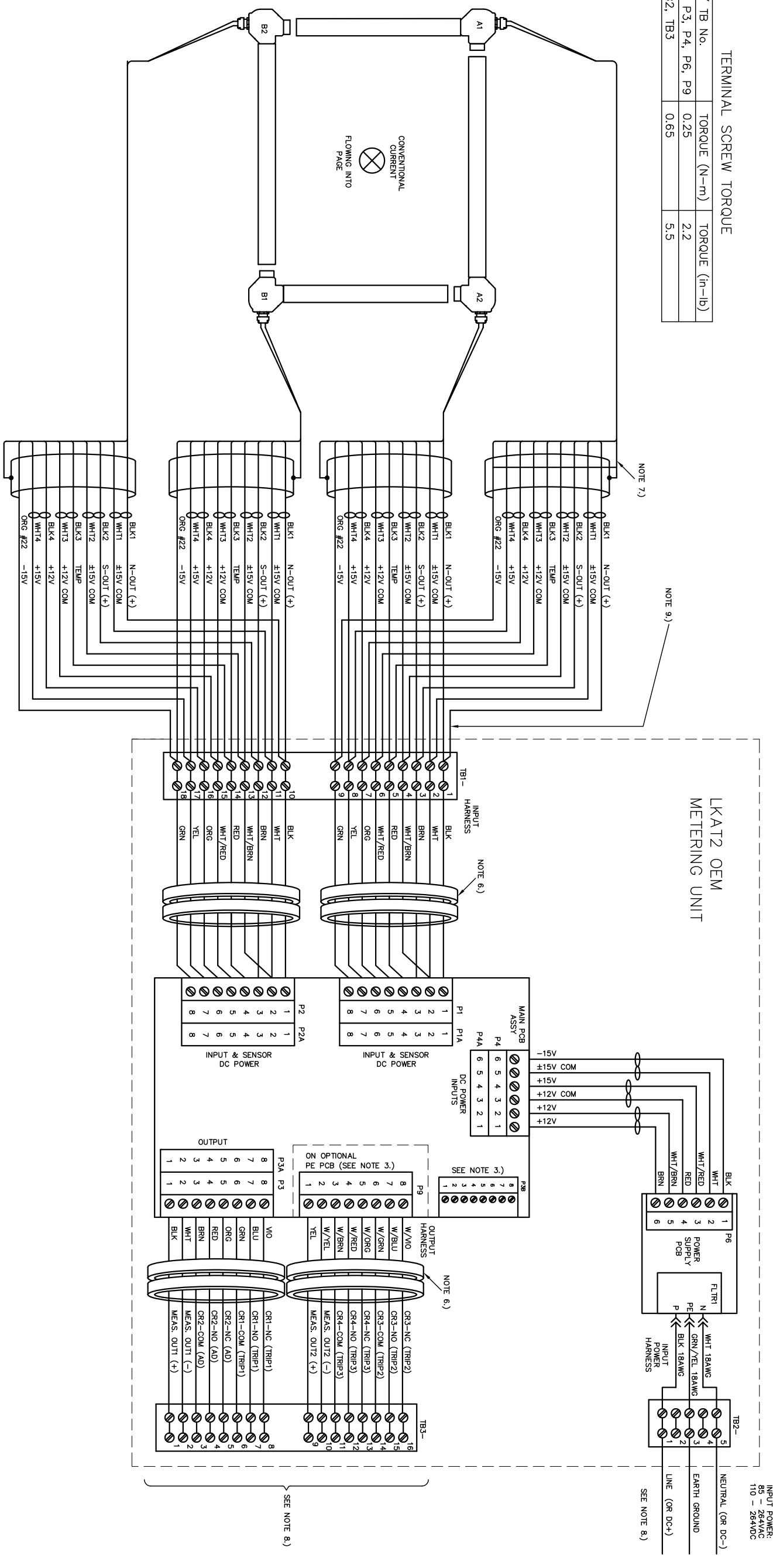


TERMINAL SCREW TORQUE		
PLUG / TB No.	TORQUE (N-m)	TORQUE (in-lb)
P1, P2, P3, P4, P6, P9	0.25	2.2
TB1, TB2, TB3	0.65	5.5



- NOTE:
- 1.) P1 - P4, P6 & P9 ARE PLUG-IN CONNECTORS.
  - 2.) ALL WIRES ARE 20AWG UNLESS NOTED.
  - 3.) WHEN LKAT2 SYSTEM DOES NOT INCLUDE PE PCB ASSY, HARNESS PLUG P9 MATES WITH P3B ON MAIN PCB ASSY. P3B MAKES NO ELECTRICAL CONNECTION TO MAIN PCB CIRCUITRY.
  - 4.) RELAY CONTACTS SHOWN WITH METERING UNIT IN DE-ENERGIZED CONDITION WITH CR1 (TRIP1) CONFIGURED FOR FAILSAFE OPERATION). SEE MANUAL FOR RELAY CONTACT STATUS FOR CR1 (TRIP1) CONFIGURED FOR NON-FAILSAFE OPERATION.
  - 5.) P1A, P2A, P3A, AND P4A ARE TEST CONNECTIONS.
  - 6.) INPUT & OUTPUT WIRING HARNESSES INCLUDE FERRITE BEADS EACH WITH ONE TURN OF HARNESS WIRES. THERE ARE (8) FERRITES TOTAL. INSTALLED AT FACTORY.
  - 7.) HEAD CABLE SHIELD (2 PLACES) CONNECTED INSIDE HEAD AT FACTORY.
  - 8.) OUTPUT SIGNAL & INPUT POWER CABLES SUPPLIED & WIRED BY CUSTOMER.
  - 9.) WIRES PAIRED AT TB1 INPUTS WITH CRIMPED-ON FERRULES.

SYML	REVISION	DRN./DATE	CK'S/DATE	B/M NO.(REF.)	THIRD ANGLE PROJECTION	DO NOT SCALE PRINT	TITLE
						TOL. UNLESS OTHERWISE NOTED DEC. ±.015 FRACTION ANG. ±.1°	<b>Dynampp, LLC</b> GROVE CITY, OHIO
						RJM 01/03/17 SCALE N/A	WIRING DIAGRAM - LKAT2 OEM SYSTEM - AC/DC WITH EMC FILTERING (ALL FERRITES INSIDE M.U.)
						APV./DATE	PRELIMINARY DWG. NO. 83B109xxx

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