

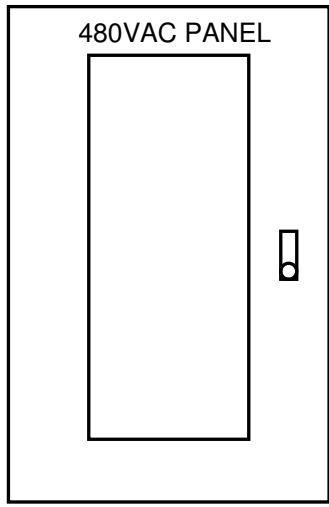
NOTES:
 THE SERIES 4000 METER IS INSTALLED WITH THREE CTs, ONE AROUND EACH LOAD WIRE.

THE SERIES 4000 CONNECTS MODBUS RS485 DATA TO THE ARS1200 USING THE DB9 ADAPTER.

THE ARS1200 CONNECTS TO THE APL4200 USING THE RJ45 CONNECTOR. THE ARS1200 PLUGS INTO 120 VAC.

THE ADK4200 COILS ARE PLUGGED INTO THE APL4200 AND THE SPLIT CORE COILS ARE INSTALLED AROUND ANY TWO 480 VAC BRANCH CIRCUIT WIRES. THE I.D. OF THE COILS ARE 0.5". THE APL4200 PLUGS INTO 120 VAC.

THIS IS HOW WE INJECT THE METER'S DATA ONTO THE 480 VAC POWER LINES.



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 THE ADK4200 COILS ARE PLUGGED INTO THE APL4200 AND THE SPLIT CORE COILS ARE INSTALLED AROUND ANY TWO 480 VAC BRANCH CIRCUIT WIRES. THE I.D. OF THE COILS ARE 0.5".

THE APL4200 CONNECTS TO THE LOCAL LAN USING THE RJ45 CONNECTOR AND IS GIVEN AN IP ADDRESS. THE APL4200 PLUGS INTO 120 VAC.

THE R&B V2.0 SOFTWARE IS LOADED INTO A PC. A VIRTUAL COMM. PORT IS CREATED (COMM. 1,2 OR 3) WHICH IS DIRECTED TO THE APL4200'S UNIQUE IP ADDRESS.

THIS IS HOW WE READ THE METER, THROUGH A VIRTUAL COMM. PORT, THROUGH THE POWER LINES.