NOTES:
1) RS485 WIRING TO USE SHIELDED TWISTED PAIR CABLE (BELDEN 9511 OR EQUIVALENT).
2) BUS MUST BE TERMINATED ON BOTH ENDS. THE BENCHMARK BOILERS HAVE IN BUILT TERMINATION RESISTOR AS PER SW-2, SW2-4 = “ON” ON END OF LINE UNITS ONLY. WHEN WIRING SMART PLATE AS AN END OF LINE UNIT, 120 OHM TERMINATION RESISTOR MUST BE PLACED ACROSS THE SMART PLATE MODBUS TERMINALS.
3) RS485 BUS TERMINATION OF END UNITS REQUIRED. USE SW3-5 = “ON” ON END OF LINE UNITS ONLY.
4) ONLY IF USED ON APPLICATIONS.
5) OPTIONAL AND LACD.