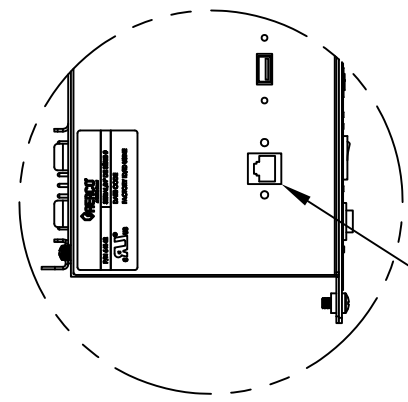


- NOTES:
- 1) RS485 WIRING TO USE SHIELDED TWISTED PAIR CABLE (BELDEN 9841 OR EQUIVALENT).
 - 2) BST BUS MUST BE TERMINATED ON BOTH ENDS. THE BENCHMARK BOILERS HAVE IN-BUILT TERMINATION RESISTOR AS PER SW3-2. SW3-2 = "ON" ON END OF LINE UNITS ONLY. WHEN WIRING SMART PLATE AS AN END OF LINE UNIT, 120 OHM TERMINATION RESISTOR MAY BE PLACED ACROSS THE END OF LINE SMARTPLATE TERMINALS.
 - 3) RS485 BAS: TERMINATION OF END UNITS REQUIRED. USE SW3-5 = "ON" ON END OF LINE UNITS ONLY.
 - 4) ONLY IF USED ON APPLICATIONS.
 - 5) OPTIONAL SECOND LWCO TO CONNECT TO J8 JUNCTION.
 - 6) FOR SYSTEM PIPING, SEE INSTALLATION DRAWING #SD-A-1207 OR SECTION 4.3 OF TAG-0019.
 - 7) SYSTEM REQUIRES A DHW TEMP SENSOR, AQUASTAT, OR BOTH. IF USING AN AQUASTAT (OPTIONAL), CONNECT TO TERMINALS 6 AND 7 OF J4 OF ADDRESSED BOILER.
 - 8) FOR REMOTE INTERLOCK PLANT SHUTDOWN, CONNECT TO TERMINALS 5 AND 6 OF J4 OF THE MANAGER BOILER. REMOTE INTERLOCK USE MUST BE SET TO "SYSTEM SHUTDOWN" OR "SH SHUTDOWN" AND ENABLED FOR REMOTE INTERLOCK PLANT SHUTDOWN TO FUNCTION.




EDGE CONTROLS PANEL LEFT SIDE SHOWN

ETHERNET PORT FOR onAER, BACnet IP AND/OR MODBUS TCP

SMARTPLATE EV FOR REFERENCE SEE SECTION 2.6.1 OF OMM-0147

SMARTPLATE EV FOR REFERENCE SEE SECTION 2.6.1 OF OMM-0147

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|  | | 100 DRITANI DRIVE BLAUVELT, NY 10913 aerco.com | |
| EDGE CONTROLS ONBOARD BOILER SEQUENCING TECHNOLOGY COMBINATION PLANT W/ BST & ONE SWING VALVE, BAS AND FIELD WIRING | | | |
| DWN.BY <u>K.S.</u> DATE <u>102918</u> | | REV. <u>F</u> | |
| SCALE <u> </u> SIZE <u>B</u> | | <h1 style="margin: 0;">SD-A-1170</h1> | |
| CHKD. <u> </u> APPD. <u> </u> | | | |
| REV.BY <u>K.S.</u> DATE <u>122022</u> | | | |