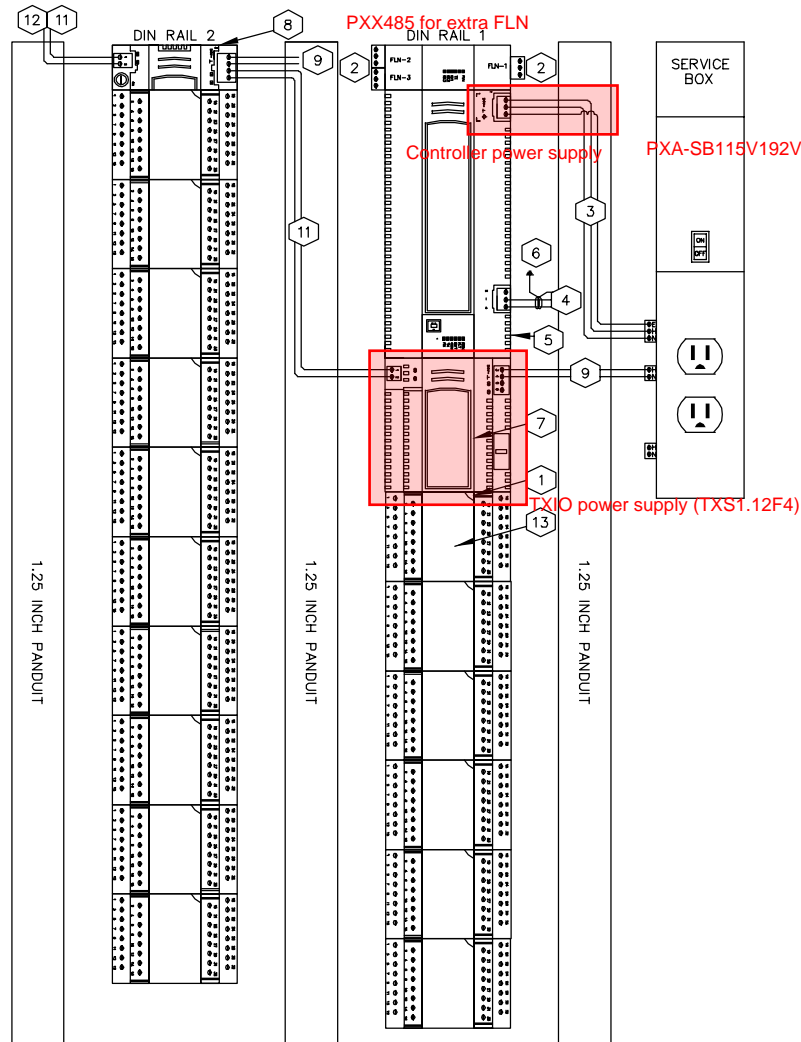


REVISION HISTORY	SIEMENS 1835-B KRAMER LANE SUITE 180 AUSTIN, TX 78768 USA PHONE: FAX: SIEMENS INDUSTRY, INC. BT DIVISION	CERILLIANT ROUND ROCK, TX <table><tr><td>ENGINEER</td><td>DRAFTER</td><td>CHECKED BY</td><td>INITIAL RELEASE</td><td>LAST EDIT DATE</td></tr><tr><td>LSB</td><td>LSB</td><td>DB</td><td>10/12/17</td><td>10/11/17</td></tr></table> PXCM/TXIO PANEL INSTALLATION	ENGINEER	DRAFTER	CHECKED BY	INITIAL RELEASE	LAST EDIT DATE	LSB	LSB	DB	10/12/17	10/11/17	440P224837 0 PXCM1
ENGINEER	DRAFTER	CHECKED BY	INITIAL RELEASE	LAST EDIT DATE									
LSB	LSB	DB	10/12/17	10/11/17									



1 PXCM MASTER PANEL TYPICAL CONFIG. DETAILS
 TYPICAL OF NON SMOKE CONTROL PANELS.
 LAYOUT IS NOT SPECIFIC TO ANY PANEL.
 SEE RESPECTIVE PANEL LAYOUT DRAWINGS BEGINNING
 WITH "N" FOR SPECIFIC MODULE LOCATIONS.

2 TYPICAL POWER SUPPLY
 PART NUMBER TXS1.12F4
 THE TX-I/O POWER SUPPLY BRIDGES
 COMMUNICATION AND POWER FROM ONE DIN RAIL
 TO ANOTHER AND GENERATES 28.8 W (1.2A AT 24
 VDC) TO POWER TX-I/O MODULES AND PERIPHERAL
 DEVICES.

3 TYPICAL BUS CONNECTION MODULE
 PART NUMBER TXS1EF4
 THE BUS CONNECTION MODULE BRIDGES
 COMMUNICATION AND POWER FROM ONE DIN RAIL
 TO ANOTHER. IT PROVIDES THE BUS SIGNAL,
 MODULE SUPPLY VOLTAGE, AND FIELD DEVICE
 SUPPLY VOLTAGE TO TX-I/O MODULES ON AN
 ADDITIONAL DIN.

- NOTES:**
- LOCATION OF MODULE ADDRESS KEYS (TYPICAL). INSTALL PER PANEL SPECIFIC LAYOUT DRAWINGS.
 - FLN'S 1, 2 & 3 TO FIELD DEVICES. SEE SCHEDULES SECTION OF THE THIS SUBMITTAL FOR CONNECTIONS. CONNECT BASED UPON APPLICABLE DRAWING FLN2, FLN3 OR MSTP.
 - TO THE MASTER PANEL'S FIRST SERVICE BOX OUTPUT. A GROUND WIRE IS REQUIRED. USE 3 COND. #14 AWG. TP.
 - P2 ALN/BLN NETWORK WIRE TO BUILDING NETWORK AS APPLICABLE. SEE COMMUNICATIONS RISER DRAWINGS BEGINNING ON DRAWING 000. USE #24AWG TSP WITH AN OVERALL SHIELD AND DRAIN WIRE.
 - ETHERNET ALN/BLN NETWORK CONNECTION. SEE COMMUNICATIONS RISER DRAWINGS BEGINNING ON DRAWING 000. USE 4 UNSHIELDED TP WIRE (CAT5, CAT5e, CAT6 OR CAT6e).
 - CONNECT DRAIN WIRE TO GROUND ON ENCLOSURE.
 - TYPICAL POWER SUPPLY. SEE DETAIL 2 FOR TYPICAL POWER SUPPLY MODULE WIRING.
 - TYPICAL POWER BUS CONNECTION MODULE. SEE DETAIL 3 FOR TYPICAL BUS CONNECTION MODULE WIRING.
 - TO THE MASTER PANEL'S SECOND SERVICE BOX OUTPUT. USE 2 COND. #14 AWG. TP.
 - TO LEFT SIDE CS/CD TERMINATIONS ON THE PREVIOUS POWER MODULE OR BUS CONNECTION MODULE. DOES NOT APPLY TO THE MODULE CONNECTED DIRECTLY TO THE PXCM PROCESSOR.
 - CONNECT RIGHT SIDE CS/CD TERMINATIONS ON THE NEXT POWER MODULE/BUS CONNECTION MODULE TO LEFT SIDE CS/CD TERMINATIONS ON THE PREVIOUS POWER MODULE/BUS CONNECTION MODULE. USE 2 COND. #14 AWG. TP.
 - IF THIS WIRE EXTENDS TO A MODULE IN A EXPANSION PANEL. SEE THE APPLICABLE EXPANSION PANEL TYPICAL INSTALLATION DRAWING FOR WIRING REQUIREMENTS AND WIRE TYPE TO BE USED.
 - TYPICAL TXIO MODULE. SEE RESPECTIVE PANEL LAYOUT DRAWINGS BEGINNING WITH "N" FOR SPECIFIC MODULE LOCATIONS, ADDRESSES AND ORDER.

REVISION HISTORY

SIEMENS

1835-B KRAMER LANE
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 USA
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SIEMENS INDUSTRY, INC.
 BT DIVISION

**CERILLIANT
 ROUND ROCK, TX**

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PXCM MASTER PANEL INSTALL

440P224837
 0

PXCM2