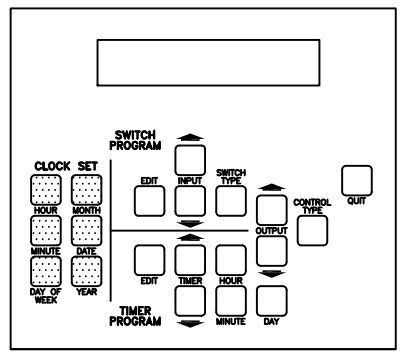
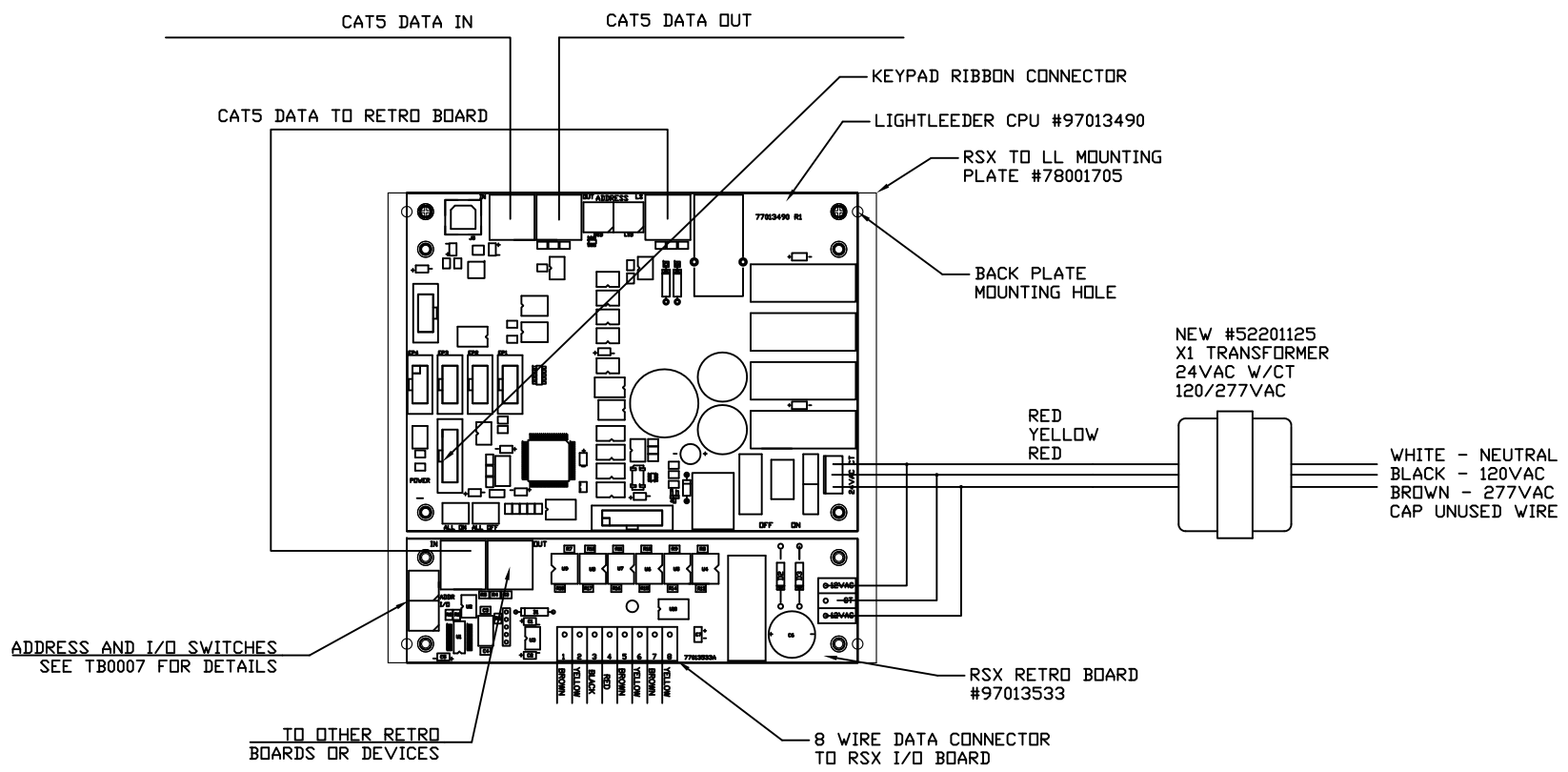
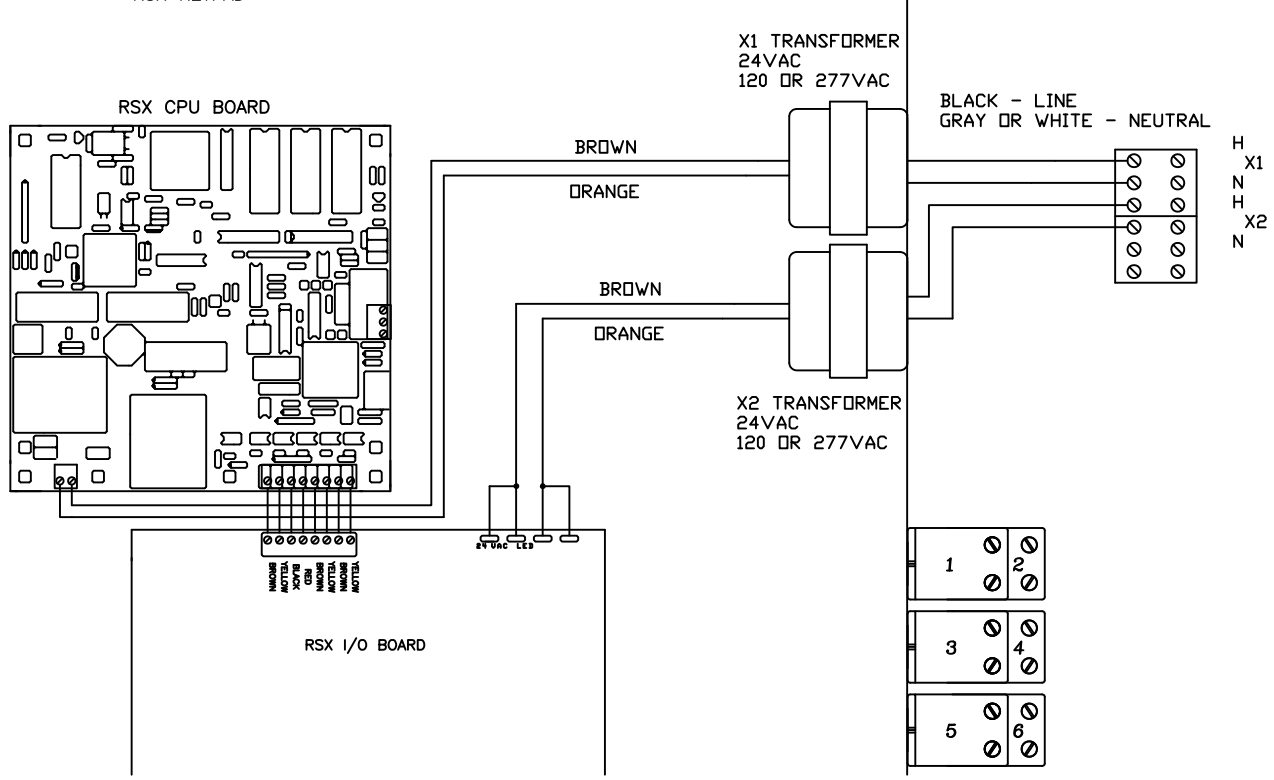
RSX TO LIGHTLEEDER RETROFIT INSTALLATION DETAILS

NOTES:
*AN RSX RETRO BOARD #97013533 CAN ONLY CONTROL UP TO 48 RELAYS PER PANEL.
*IF YOU HAVE AN RSX EXPANSION PANEL, YOU WILL NEED AN RSX RETRO BOARD INSTALLED IN THE PANEL.
*LIGHTLEEDER CPU'S #97013490 CAN ONLY CONTROL UP TO 64 RELAYS WITH A MINIMUM OF 2 RSX RETRO BOARDS
*RSX OUTPUT BOARDS DO NOT HAVE TRUE STATUS. TURNING LOADS ON/OFF WITH THE OVERRIDE SWITCHES ON THE I/O BOARDS MAY GET THE SYSTEM OUT-OF-SYNC. OVERRIDE ALL RELAYS THROUGH THE KEYPAD.



RSX KEYPAD





RSX TO LIGHTLEEDER RETROFIT

HARDWARE REMOVAL:
1. TURN OFF THE POWER TO THE CONTROL TRANSFORMERS.
2. REMOVE THE FOLLOWING HARDWARE:
-X1 TRANSFORMER AND ALL PRIMARY CONNECTIONS AND SECONDARY CONNECTIONS. (DO NOT REMOVE X2 TRANSFORMER CONNECTED TO I/O UNLESS 2 NEW TRANSFORMERS ARE PROVIDED)
-RSX KEYPAD (4 SCREWS AND RIBBON CABLE)
-8 DATA WIRES FROM CPU TO I/O (NOTE: SOME DATA CONNECTIONS HAVE A REMOVABLE CONNECTOR THAT JUST NEEDS TO BE PULLED TO REMOVE)
-RSX CPU (REMOVE 4 STANDOFFS AND 4 SCREWS)

HARDWARE INSTALLATION:
1. INSTALL RSX TO LIGHTLEEDER BACK PLATE #78001705 TO EXISTING BACK PLATE WITH THE 4 SCREWS PROVIDED. NOTE: ELECTRONICS MUST NOT BE ATTACHED WHEN MOUNTING.
2. INSTALL THE LIGHTLEEDER CPU #97013490 ONTO THE RETRO BACK PLATE PUSH-TO-CONNECT STANDOFFS BY ALIGNING THE TOP HOLES OF THE CPU AND GENTLY PRESSING, AND THEN SECURE WITH THE 4 KEYPAD STANDOFFS PROVIDED BEING CAREFUL NOT TO STRIP OR OVER-TIGHTEN.
3. INSTALL THE RSX RETRO BOARD #97013533 ONTO THE BACK PLATE WITH THE 4 SCREWS PROVIDED.
4. INSTALL CAT5 CABLE PROVIDED FROM LOCAL PORT, AS SHOWN, TO THE IN PORT LOCATED ON THE RSX RETRO BOARD.
5. PLUG THE RIBBON CABLE FROM THE KEYPAD ASSEMBLY INTO THE THE KEYPAD CONNECTOR ON THE LIGHTLEEDER CPU, AND THEN SECURE WITH THE 4 SCREWS PROVIDED ONTO THE STANDOFFS INSTALLED ON THE CPU.
6. TERMINATE THE 8 DATA WIRES FROM THE EXISTING RSX I/O BOARD TO THE RSX RETRO BOARD DATA CONNECTORS (OR CONNECT PREVIOUSLY USED PUSH-ON CONNECTOR AND DATA LINES).
7. INSTALL THE 24VAC CT TRANSFORMER.
8 TERMINATE THE PRIMARY OF THE TRANSFORMER WITH 120 OR 277VAC, BE SURE TO CAP THE UNUSED WIRE.
9. TERMINATE THE 24VAC SECONDARY POWER WIRES FROM THE TRANSFORMER TO THE POWER LEADS PROVIDED. RED TO RED, YELLOW TO YELLOW, RED TO RED.

NOTE; IF X2 TRANSFORMER POWERING THE EXISTING I/O BOARDS ARE BEING REPLACED, TERMINATE THE RED WIRES (24VAC) FROM THE NEW TRANSFORMER SECONDARY TO THE EXISTING BROWN AND ORANGE WIRES THAT TERMINATE ON THE I/O BOARD. BE SURE TO CAP THE UNUSED YELLOW CT (CENTER TAP) WIRE.

INTELLIGENT LIGHTING CONTROLS, INC.
www.ilc-usa.com 1-800-922-8004