

Planning and Layout Worksheet — As-built door label

LynTec SCLC 326-xx RS-232 Controlled Load Center

RS-232 controlled, AC power remote control for un-dimmed lighting circuits

Breaker types, sizes, positions and connections

Job _____

Panel _____

Comments _____

by _____ Date _____

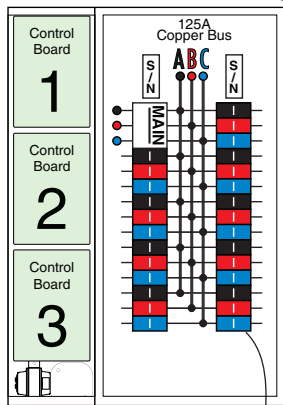
Transfer as-built information to the door.

Keep this sheet for as-built documentation.

Available as PDF download
www.lyntec.com/139-0537_SCLC-326_Plnr.pdf

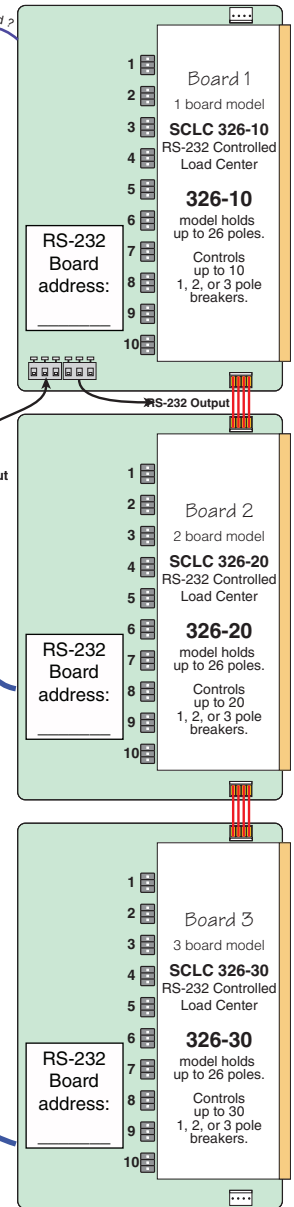
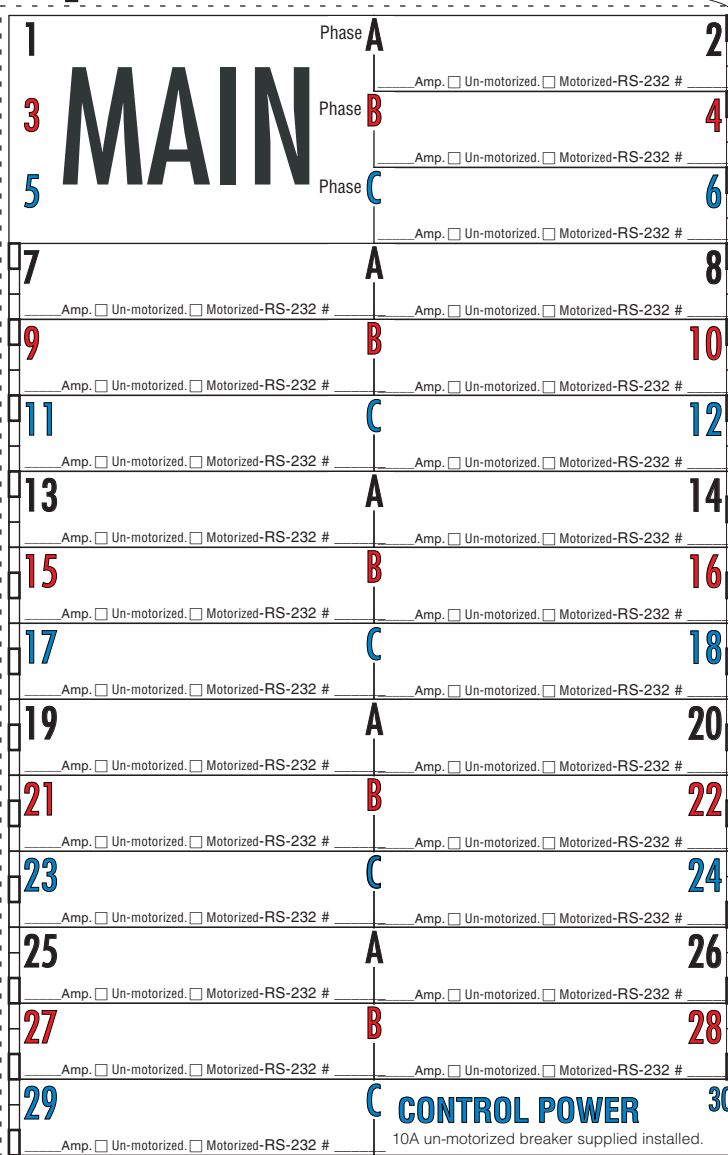
LynTec
RS-232 Controlled Load Center
SCLC 326-xx
 -xx = Maximum number of controlled breakers.
 See right side of page for model number for explanation.

Cabinet Outline — Surface mount only



Each motorized breaker is actuated by a command from a RS-232 control device by _____
 As-built door label example:
 The RS-232 # _____ is the RS-232 address of this breaker.
 The board jumpers set the RS-232 address of the board. Each breaker has a sub-address of 1-10
 Bold line around box = **suggested** control board: #1 (Top), #2, #3 or #4.
 Fill in box to indicate which control board this breaker is connected to.

5C-10 circuit boards in left-hand, low-voltage cabinet.



How it works

The **CONTROL POWER** circuit breaker powers the circuit boards via a 24 volt transformer.

Motorized circuit breakers (face-marked **REMOTELY OPERATED**) are individually actuated by a command from a remote RS-232 control device.

Each numbered LED indicates the status of that addressed breaker.
 Lit = ON, Unlit = OFF
 Flashing = command execution in progress.

Each circuit board controls up to ten 1, 2 or 3 pole motorized circuit breakers.
 RS-232 signals are fed to the first board of each RS-232 panel.

Power and RS-232 data are daisy-chain fed board to board by the yellow jumper connectors.

The Board RS-232 address is set for each board by jumpers.

The RS-232 output is an optoisolated, buffered, loop-thru for driving other RS-232 devices. Output data availability is indicated by a flickering LED

MANUAL CONTROL

The circuit breakers may be manually controlled by the TEST switches on each board.

The test switches work in the absence of a RS-232 signal. A valid RS-232 signal, indicated by a flashing **Receiving** RS-232 LED overrides the test switches.

Square D QO327M100 Load Center with LynTec low-voltage sidecar

Standard back-fed Main Breaker QO3100VH. 100A, [VH = 22kAIR].
 Main options — Part# suffix

BOLD FACE = Amps
 -M3030, -M3035
 QO3xx [all 10kAIR]

-M3050, -M3060, -3070, or -M3090
 QO3xxVH [all 22kAIR]
 [Amps Interrupt Rating]

Wire: #4 - 2/0 kcmil Cu

Outside Dimensions
 20.9" w., 29.8" h., 3.9" d.
 Surface mount only.

www.LynTec.com

800-724-4047

8-5 Central Time