Planning and Layout Worksheet — As-built door label

LynTec SCLC 127-xx Lighting Control 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_____

Each motorized breaker is actuated by a command from a RS-232 control device.
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.

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

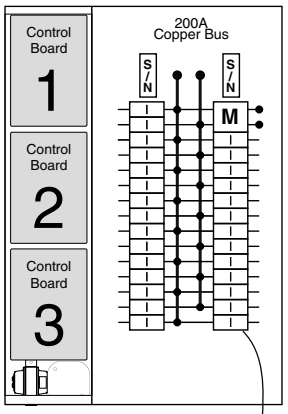
Transfer as-built information to the door.

Keep this sheet for as-built documentation.

Available as PDF download
www.lyntec.com/139-0544_SCLC127_Plnr.pdf

LynTec
Serial **C**ontrol
Load **C**enter
SCLC 127-xx
-xx = Maximum number of controlled breakers.
See right side of page for model number for explanation.

Cabinet Outline — Surface mount only



Square D QO130M200 Load Center with LynTec low-voltage sidecar

Wire: #6 - 250 kcmil Al/Cu

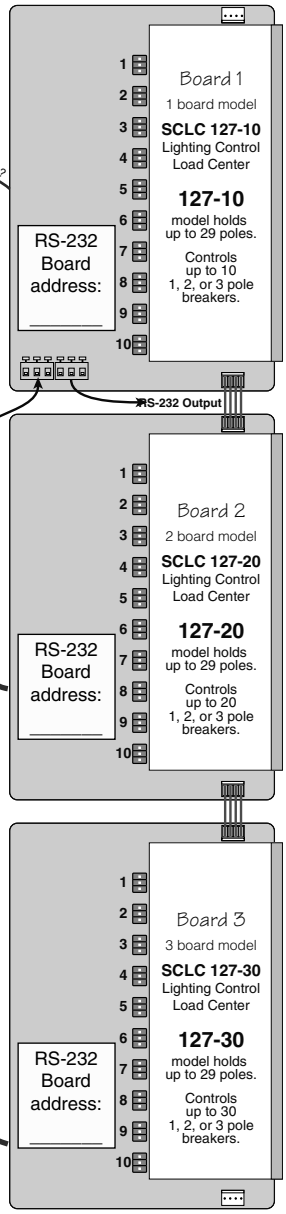
Outside Dimensions
20.9" w., 29.8" h., 3.9" d.
Surface mount only.

1	____Amp. ☐ Un-motorized. ☐ Motorized-RS-232 # ____	**MAIN**	2
3	____Amp. ☐ Un-motorized. ☐ Motorized-RS-232 # ____		4
5	____Amp. ☐ Un-motorized. ☐ Motorized-RS-232 # ____	____Amp. ☐ Un-motorized. ☐ Motorized-RS-232 # ____	6
7	____Amp. ☐ Un-motorized. ☐ Motorized-RS-232 # ____	____Amp. ☐ Un-motorized. ☐ Motorized-RS-232 # ____	8
9	____Amp. ☐ Un-motorized. ☐ Motorized-RS-232 # ____	____Amp. ☐ Un-motorized. ☐ Motorized-RS-232 # ____	10
11	____Amp. ☐ Un-motorized. ☐ Motorized-RS-232 # ____	____Amp. ☐ Un-motorized. ☐ Motorized-RS-232 # ____	12
13	____Amp. ☐ Un-motorized. ☐ Motorized-RS-232 # ____	____Amp. ☐ Un-motorized. ☐ Motorized-RS-232 # ____	14
15	____Amp. ☐ Un-motorized. ☐ Motorized-RS-232 # ____	____Amp. ☐ Un-motorized. ☐ Motorized-RS-232 # ____	16
17	____Amp. ☐ Un-motorized. ☐ Motorized-RS-232 # ____	____Amp. ☐ Un-motorized. ☐ Motorized-RS-232 # ____	18
19	____Amp. ☐ Un-motorized. ☐ Motorized-RS-232 # ____	____Amp. ☐ Un-motorized. ☐ Motorized-RS-232 # ____	20
21	____Amp. ☐ Un-motorized. ☐ Motorized-RS-232 # ____	____Amp. ☐ Un-motorized. ☐ Motorized-RS-232 # ____	22
23	____Amp. ☐ Un-motorized. ☐ Motorized-RS-232 # ____	____Amp. ☐ Un-motorized. ☐ Motorized-RS-232 # ____	24
25	____Amp. ☐ Un-motorized. ☐ Motorized-RS-232 # ____	____Amp. ☐ Un-motorized. ☐ Motorized-RS-232 # ____	26
27	____Amp. ☐ Un-motorized. ☐ Motorized-RS-232 # ____	____Amp. ☐ Un-motorized. ☐ Motorized-RS-232 # ____	28
29	____Amp. ☐ Un-motorized. ☐ Motorized-RS-232 # ____	**CONTROL POWER** 10A un-motorized breaker supplied installed.	30

Which board ?

RS-232 Input

RS-232 Output



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 idicates 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 panel.

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

The 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 flicering 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.

www.LynTec.com
800-724-4047
8-5 Central Time