

Planning and Layout Worksheet — As-built door label

LynTec SCLC 129-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 _____

Transfer as-built information to the door.

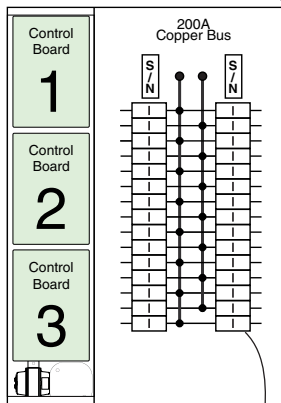
Keep this sheet for as-built documentation.

Available as PDF download
www.lyntec.com/139-0545_SCLC129Plnr.pdf

LynTec Serial Control Load Center SCLC 129-xx

-xx = Maximum number of controlled breakers.
 See right side of page for model number for explanation.

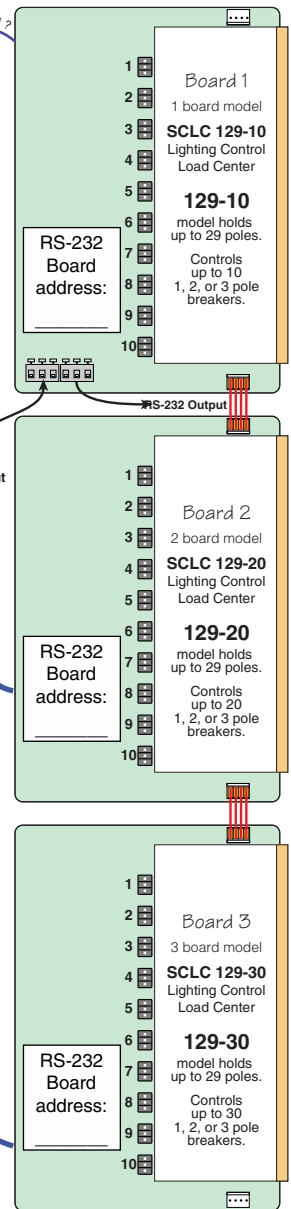
Cabinet Outline — Surface mount only



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

<input type="checkbox"/> 1 Amp. <input type="checkbox"/> Un-motorized. <input type="checkbox"/> Motorized-RS-232 # _____	<input type="checkbox"/> 2 Amp. <input type="checkbox"/> Un-motorized. <input type="checkbox"/> Motorized-RS-232 # _____
<input type="checkbox"/> 3 Amp. <input type="checkbox"/> Un-motorized. <input type="checkbox"/> Motorized-RS-232 # _____	<input type="checkbox"/> 4 Amp. <input type="checkbox"/> Un-motorized. <input type="checkbox"/> Motorized-RS-232 # _____
<input type="checkbox"/> 5 Amp. <input type="checkbox"/> Un-motorized. <input type="checkbox"/> Motorized-RS-232 # _____	<input type="checkbox"/> 6 Amp. <input type="checkbox"/> Un-motorized. <input type="checkbox"/> Motorized-RS-232 # _____
<input type="checkbox"/> 7 Amp. <input type="checkbox"/> Un-motorized. <input type="checkbox"/> Motorized-RS-232 # _____	<input type="checkbox"/> 8 Amp. <input type="checkbox"/> Un-motorized. <input type="checkbox"/> Motorized-RS-232 # _____
<input type="checkbox"/> 9 Amp. <input type="checkbox"/> Un-motorized. <input type="checkbox"/> Motorized-RS-232 # _____	<input type="checkbox"/> 10 Amp. <input type="checkbox"/> Un-motorized. <input type="checkbox"/> Motorized-RS-232 # _____
<input type="checkbox"/> 11 Amp. <input type="checkbox"/> Un-motorized. <input type="checkbox"/> Motorized-RS-232 # _____	<input type="checkbox"/> 12 Amp. <input type="checkbox"/> Un-motorized. <input type="checkbox"/> Motorized-RS-232 # _____
<input type="checkbox"/> 13 Amp. <input type="checkbox"/> Un-motorized. <input type="checkbox"/> Motorized-RS-232 # _____	<input type="checkbox"/> 14 Amp. <input type="checkbox"/> Un-motorized. <input type="checkbox"/> Motorized-RS-232 # _____
<input type="checkbox"/> 15 Amp. <input type="checkbox"/> Un-motorized. <input type="checkbox"/> Motorized-RS-232 # _____	<input type="checkbox"/> 16 Amp. <input type="checkbox"/> Un-motorized. <input type="checkbox"/> Motorized-RS-232 # _____
<input type="checkbox"/> 17 Amp. <input type="checkbox"/> Un-motorized. <input type="checkbox"/> Motorized-RS-232 # _____	<input type="checkbox"/> 18 Amp. <input type="checkbox"/> Un-motorized. <input type="checkbox"/> Motorized-RS-232 # _____
<input type="checkbox"/> 19 Amp. <input type="checkbox"/> Un-motorized. <input type="checkbox"/> Motorized-RS-232 # _____	<input type="checkbox"/> 20 Amp. <input type="checkbox"/> Un-motorized. <input type="checkbox"/> Motorized-RS-232 # _____
<input type="checkbox"/> 21 Amp. <input type="checkbox"/> Un-motorized. <input type="checkbox"/> Motorized-RS-232 # _____	<input type="checkbox"/> 22 Amp. <input type="checkbox"/> Un-motorized. <input type="checkbox"/> Motorized-RS-232 # _____
<input type="checkbox"/> 23 Amp. <input type="checkbox"/> Un-motorized. <input type="checkbox"/> Motorized-RS-232 # _____	<input type="checkbox"/> 24 Amp. <input type="checkbox"/> Un-motorized. <input type="checkbox"/> Motorized-RS-232 # _____
<input type="checkbox"/> 25 Amp. <input type="checkbox"/> Un-motorized. <input type="checkbox"/> Motorized-RS-232 # _____	<input type="checkbox"/> 26 Amp. <input type="checkbox"/> Un-motorized. <input type="checkbox"/> Motorized-RS-232 # _____
<input type="checkbox"/> 27 Amp. <input type="checkbox"/> Un-motorized. <input type="checkbox"/> Motorized-RS-232 # _____	<input type="checkbox"/> 28 Amp. <input type="checkbox"/> Un-motorized. <input type="checkbox"/> Motorized-RS-232 # _____
<input type="checkbox"/> 29 Amp. <input type="checkbox"/> Un-motorized. <input type="checkbox"/> Motorized-RS-232 # _____	CONTROL POWER 10A un-motorized breaker supplied installed.



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.

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 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 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.

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

www.LynTec.com

800-724-4047

8-5 Central Time