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	

Transfer as-built information to the door.

Keep this sheet for as-built documentation.

Available as PDF download

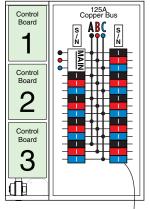
LynTec

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



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]

Wire: #4 - 2/0 kcmil Cu

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

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

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 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

> > 146-0348-00 SCLC 326 Door

Each motorized breaker is actuated by a com	mand from a RS-232 control device ^{by}	Date
As-built door label example: The RS-232 # is the RS-232 addres	ss of this breaker. If the board. Each breaker has a sub-address of 1-10	9C-10 circuit boards in left-hand low-voltage cabinet.
Fill in box to indicate which control board		
Phase A	2	1 Board 1
	Amp Un-motorized Motorized-RS-232 #	2 il board model
Phase B	4	3 SCLC 326-10 RS-232 Controlled Load Center
Phase	/ 1	5
	•	RS-232 model holds up to 26 poles.
	Amp. Un-motorized. Motorized-RS-232 #	Board Controls
H/ A	. 8 ⊟:	address: 8 1, 2, or 3 pole breakers.
Amp. Un-motorized. Motorized-RS-232 #	Amp. 🗌 Un-motorized. 🗌 Motorized-RS-232 #	9 🗎
[H 9 B	1 0 H:	10 = 10 = 10 = 10 = 10 = 10 = 10 = 10 =
Amp. Un-motorized. Motorized-RS-232 #	Amp. Un-motorized. Motorized-RS-232 #	₩S-232 Output
F11 C	12	7/0-202 Sulpui
Amp. 🗆 Un-motorized. 🗀 Motorized-RS-232 #	Amp Un-motorized Motorized-RS-232 # RS-232 Inpu	ut 1 🖽
'H13 🙀	\ 14 ⊟	² ■ Board 2
Amp. Un-motorized. Motorized-RS-232 #	Amp Un-motorized Motorized-RS-232 #	3 2 board model
15 B	16	4 SCLC 326-20 RS-232 Controlled Load Center
Amp. Un-motorized. Motorized-RS-232 #	Amp. _ Un-motorized. _ Motorized-RS-232 #	6 326-20
Ann Ella materiaed Electrical DS 222 #	18	RS-232 Board address: 8 Controls up to 20
Amp. Un-motorized. Motorized-RS-232 #	Amp Un-motorized Motorized-RS-232 #	9 1, 2, or 3 pole breakers.
Amp. Un-motorized. Motorized-RS-232 #	Amp. Un-motorized. Motorized-RS-232 #	10
21 B	22 _	
Amp Un-motorized Motorized-RS-232 #	Amp Un-motorized Motorized-RS-232 #	
H23	24 ⊣∶	1
Amp. Un-motorized. Motorized-RS-232 #	Amp. 🗌 Un-motorized. 🗌 Motorized-RS-232 #	2
H25 A	26 ⊟	3
Amp. 🗆 Un-motorized. 🗆 Motorized-RS-232 #	Amp. Un-motorized. Motorized-RS-232 #	5 Load Center
 27	28 ;	RS-232 Roard 7 up to 26 poles.
Amp. Un-motorized. Motorized-RS-232 #	Amp Un-motorized Motorized-RS-232 #	address: 8 Controls
Amp. Un-motorized. Motorized-RS-232 #	CONTROL POWER 10A un-motorized breaker supplied installed.	9 1, 2, or 3 pole breakers.
I more in the interest in the		10
How it works	The Board RS-232 address is set for	
The CONTROL POWER circuit	each board by jumpers.	
breaker powers the circuit boards via	TI DO 000	