Planning and Layout Worksheet — As-built door label Job LynTec SCLC 329-xx Lighting Control Load Center Panel RS-232 controlled, AC power remote control for un-dimmed lighting circuits Comments Breaker types, sizes, positions and connections Date Each motorized breaker is actuated by a command from a RS-232 control device.by_ As-built door label example: is the RS-232 address of this breaker. The BS-232 # SC-10 circuit boards in left-hand, The board jumpers set the RS-232 address of the board. Each breaker has a sub-address of 1-10 low-voltage cabinet. 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. Which board Transfer as-built Phase A 2 information to the door. 1 Board 1 Amp. 🗌 Un-motorized. 🗌 Motorized-RS-232 # mp. 🗌 Un-motorized. 🗌 Motorized-RS-232 🗄 2 Keep this sheet for 1 board model 3 Phase 3 as-built documentation. SCLC 329-10 Lighting Control 4 Load Center Amp. 🗌 Un-motorized. 🗌 Motorized-RS-232 🕯 np. 🗌 Un-motorized. 🗌 Motorized-RS-232 🗄 5 🖪 5 329-10 Phase 6 6 model holds up to 29 poles. RS-232 Amp. 🗌 Un-motorized. 🗌 Motorized-RS-232 # Amp. 🗆 Un-motorized. 🗔 Motorized-RS-232 ; 7 🗖 Controls up to 10 1, 2, or 3 pole breakers. Board 8 17 8 address: Available as PDF download 9 📘 www.lvntec.com/139-0543 SCLC329 F Amp. 🗆 Un-motorized. 🗆 Motorized-RS-232 # Un-motorized. Motorized-BS-232 # 10 Ц9 ------LynTec mm S-232 Output Amp. 🗌 Un-motorized. 🗌 Motorized-RS-232 # Amp. 🗌 Un-motorized. 🥅 Motorized-RS-232 Serial Control 12 Load Center 1 Amp. 🗌 Un-motorized. 🗌 Motorized-RS-232 Amp. 🗌 Un-motorized. 🥅 Motorized-RS-232 RS-232 Inpu **SCLC 329-xx** 3 2 14⊦ Board 2 -xx = Maximum number 3 2 board model of controlled breakers. Un-motorized. 🗌 Motorized-RS-232 # ized. 🗌 Motorized-RS-232 SCLC 329-20 4 🖪 See right side of page for model number for explanation. Lighting Control Load Center 16 5 Amp. 🗆 Un-motorized. 🗆 Motorized-RS-232 # Amp. 🗌 Un-motorized. 🦳 Motorized-RS-232 6 🖪 329-20 **BS-232** 18 7 model holds up to 29 poles Board 8 Controls up to 20 Cabinet Outline — Surface mount only address: Amp. Un-motorized. Motorized-RS-232 # Amp. Un-motorized. Motorized-RS-232 1, 2, or 3 pole breakers. 9 📘 9 20 200A Copper Bus Contro 10 Board Un-motorized. Motorized-RS-232 Un-motorized. Motorized-RS-232 Ń 2 22 Control mp. 🗌 Un-motorized. 🗌 Motorized-RS-232 🕯 mp. 🗌 Un-motorized. 🥅 Motorized-RS-232 Board 231 24 2 2 🗖 Board 3 Amp. 🗌 Un-motorized. 🗌 Motorized-RS-232 # mp. 🗌 Un-motorized. 🗌 Motorized-RS-232 3 3 hoard model 26 25 SCLC 329-30 Control 4 🖽 Board Lighting Control Load Center 5 Amp. 🗌 Un-motorized. 🗌 Motorized-RS-232 🕯 . 🗆 Un-motorized. 🗔 Motorized-RS-232 3 28 6 🗖 329-30 RS-232 model holds up to 29 poles. 7 📘 Board 们目 Amp. 🗆 Un-motorized. 🗆 Motorized-RS-232 # mp. 🗌 Un-motorized. 🗌 Motorized-RS-232 8 Controls up to 30 address: 29 30 **CONTROL POW** 1, 2, or 3 pole breakers. 9 📘 10A un-motorized breaker supplied installed Amp. 🗌 Un-motorized. 🗌 Motorized-RS-232 # 10 How it works The Board RS-232 address is set for The CONTROL POWER circuit each board by jumpers. Square D QO330L200G Load Center breaker powers the circuit boards via The RS-232 output is an Main Lug Only a 24 volt transformer. optoisolated, buffered, loop-thru for with LynTec low-voltage sidecar Motorized circuit breakers driving other RS-232 devices. (face-marked REMOTELY OPERATED) are Output data availability is indicated Wire: #6 - 250 kcmil Al/Cu individually actuated by a command by a flicering LED from a remote RS-232 control device. Outside Dimensions

MANUAL CONTROL

Each numbered LED idicates the

status of that addressed breaker.

Flashing = command execution in

Each circuit board controls up to ten

RS-232 signals are fed to the first

board of each RS-232 panel.

Power and RS-232 data are

yellow jumper connectors.

1, 2 or 3 pole motorized circuit breakers.

daisy-chain fed board to board by the

Lit = ON, Unlit = OFF

progress.

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 146-0347-00 SCLC 329 Door

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

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