Planning and Layout Worksheet — As-built door label
SCP 139-xx RS-232 Controlled Panelboard
Breaker types, sizes, positions and connections

Transfer as-built information to the door label upon completion.
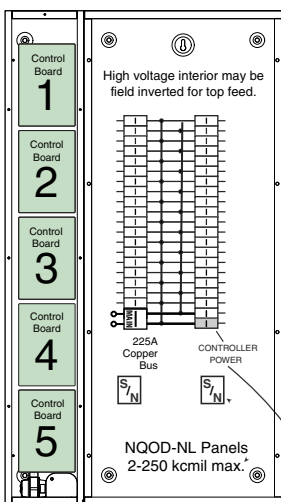
Keep this sheet for as-built documentation

Available as PDF download
www.lyntec.com/139-0576_SCP139_Plnr.pdf

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.

24 VAC input

RS-232 Input
RS-232 Output

	Amp. ☐ Un-motorized. ☐ Motorized-RS-232 # ____
1	2
3	4
5	6
7	8
9	10
11	12
13	14
15	16
17	18
19	20
21	22
23	24
25	26
27	28
29	30
31	32
33	34
35	36
37	38
MAIN	39

(Each breaker position has: Amp. ☐ Un-motorized. ☐ Motorized-RS-232 # _____)

RS-232 CONTROL POWER
10A un-motorized breaker supplied installed.

RS-232 Board address: _____

Board 1
1 board model
SCP 139-10
Lighting Control Panelboard
139-10
model holds up to 41 poles.
Controls up to 10 1, 2, or 3 pole breakers.

Board 2
2 board model
SCP 139-20
Lighting Control Panelboard
139-20
model holds up to 41 poles.
Controls up to 20 1, 2, or 3 pole breakers.

Board 3
3 board model
SCP 139-30
Lighting Control Panelboard
139-30
model holds up to 41 poles.
Controls up to 30 1, 2, or 3 pole breakers.

Board 4
4 board model
SCP 139-40
Lighting Control Panelboard
139-40
model holds up to 41 poles.
Controls up to 40 1, 2, or 3 pole breakers.

Board 5
5 board model
SCP 139-50

SCP 139-xx-M125 to -M225
(65k AIR main) - 225A bus
xx = Number of controller circuits
10, **20**, **30**, **40** or **50**.

Cabinet outline - Surface mount only
Outside dimensions: 28.06" w., 50" h., 6.13" d.
Knockout panels supplied in both ends.

Control Board 1
Control Board 2
Control Board 3
Control Board 4
Control Board 5

High voltage interior may be field inverted for top feed.

225A Copper Bus
CONTROLLER POWER
S/N
S/N

NQOD-NL Panels
2-250 kcmil max.

NQOD Panel
225A Copper Bus

Main breaker connections
70A: #8 — 2 Al/Cu
80A - 100A: #4 — 300 kcmil Al/Cu
Main Breakers available
QOB2xxx-VH series — All 22k AIR

Part# suffix — **Bold face** = Amps
-MQOB20**70,** -MQOB20**80,**
-MQOB20**90**, -MQOB2**100**.