

ARCHITECT'S and ENGINEER'S SPECIFICATIONS  
SCP Series Serial Controlled Panelboard

All A.C. power for the A/V system shall be supplied from a source capable of being remote controlled via RS-232 control protocol.

Circuits shall be individually addressable providing on and off control via RS232 protocol.

A means of visual operator feedback shall provide an indication of circuit on/off status locally via LEDs.

The system shall have brownout (undervoltage) protection; monitoring the line voltage and triggering an automatic shutdown if the line voltage drops below 95 volts for more than 2 seconds. The system shall automatically return circuits to on state when power resumes and remains above 105 volts for more than 2 seconds without operator intervention.

The system shall have emergency shutdown capability triggered by external contacts or the system operator.

Un-motorized circuits, as required, shall be supplied from the same A.C. source so that a single lever main circuit breaker is dedicated to the system.

Three phase panelboards shall have 200% neutrals.

Single phase panelboards shall have a single neutral.

Panelboards shall have a separate and attached isolated technical ground section.

All branch circuit breakers shall be bolt-on.

The Serial Controlled Panelboard system shall be the LynTec model SCP xxx series Panelboard.

Manufacturer shall warrant specified equipment to be free from defects in materials and workmanship as follows: at least (15) months from date of purchase for line voltage equipment; at least (5) years from the date of purchase for control electronics.

LynTec — 800-724-4047 — [www.LynTec.com](http://www.LynTec.com)

Models:

Single Phase, 65k AIR: **SCP 141-12, SCP 141-24, SCP 141-36, SCP 141-48, SCP 141-60**

Balanced Power, 60v-0-60v, 65k AIR: **SCP 119-12, SCP 119-24**

Three Phase, 65k AIR: **SCP 341-12, SCP 341-24, SCP 341-36, SCP 341-48, SCP 341-60**

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