

ARCHITECT'S and ENGINEER'S SPECIFICATIONS
DMX Controlled A.C. Panelboard

All A.C. power for the lighting system shall be supplied from a DMX controlled source capable of being remote controlled via a DMX 512 bus.

Controlled circuits shall be controlled by a branch circuit breaker with an integral motor control.

The DMX Breaker Control system shall have brownout protection; monitoring the line voltage and disabling DMX command execution if the line voltage drops below 95 volts for more than 2 seconds.

The DMX Breaker Control system shall have EDO (Emergency DMX Override) capability triggered by external contacts. An external EDO contact closure shall override all DMX commands and recall a stored Emergency on/off scene.

Un-controlled circuits, as required, shall be supplied from the same A.C. source so that a single lever main circuit breaker may control all.

Three phase panelboards shall have 200% neutrals. (400A shall have 100% neutrals)

All branch circuit breakers shall be bolt-on.

The model shall be the LynTec LCP 341-xx series DMX Controlled 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.

125A to 225A Models

Part number suffix **-10** controls 10 branch breakers, suffix **-20** controls 20 branch breakers and so on. One, two or three pole motorized breakers require only one control address/circuit.

Three Phase, 41 usable poles, 225A main breaker, 65k AIR, 200% Neutrals:
LCP 341-10, LCP 341-20, LCP 341-30, LCP 341-40, LCP 341-50.

Main Breaker Options (all 25k AIR): **-M3125** = 125A, **-M3150** = 150A, **-M3175** = 175A, **-M3200** = 200A.

-MLO Main Lug Only option

400 AMP models

Three Phase, large cabinet, 42 usable poles, 400A main breaker, 65k AIR, 100% Neutrals:
LCP 341-10-M400, LCP 341-20-M400, LCP 341-30-M400, LCP 341-40-M400, LCP 341-50-M400

-MLO Main Lug Only option

LynTec, an RDC, Inc. company — 800-724-4047 — www.lyntec.com

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