

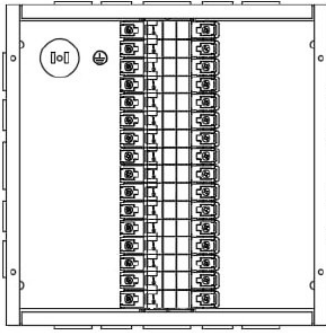
Pre-assembled current limiting panel with customer-specified circuit configuration, available in two enclosure sizes: a Small panel (12H x 12W x 6D in) holding up to 16 circuits and a Large panel (18H x 12W x 6D in) holding up to 24 circuits. Supports any combination of breaker sizes from 0.5A to 20A per circuit. Designed for track lighting applications requiring energy code compliance and for general branch circuit power limiting. Mixed breaker configurations within a single panel are supported, making this suitable for multi-zone or varied-load installations. Factory assembled, DIN-rail mounted thermal magnetic circuit breakers in a UL 508A listed NEMA 1 steel enclosure. Specify panel size, circuit count, and breaker sizes at time of order.

KEY FEATURES

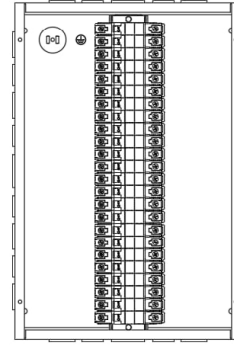
- ✓ Two enclosure sizes: Small (12x12x6 in, up to 16 circuits) and Large (18x12x6 in, up to 24 circuits)
 - ✓ Customer-specified circuit count from 1 to 24 circuits per panel
 - ✓ Wide breaker size range: 0.5A, 1A, 2A, 3A, 4A, 5A, 6A, 8A, 10A, 12A, 13A, 15A, 16A, and 20A available
 - ✓ Mixed breaker configurations supported within a single panel
 - ✓ Meets energy code compliance for track lighting via VA-based branch circuit limiting
- ✓ Eliminates watts-per-linear-foot track length calculations for any circuit count
 - ✓ C-type trip curve optimized for lighting loads
 - ✓ DIN-rail mounted components for clean, serviceable layout
 - ✓ NEMA 1 steel enclosure, ANSI 61 gray powder coat finish
 - ✓ UL 508A listed panel, factory assembled and tested
 - ✓ 277/120VAC rated; suitable for low-voltage and line-voltage track systems

SPECIFICATIONS

Circuit Breaker Type	Thermal magnetic, DIN rail mount
Circuit Breaker Listing	UL 1077
Trip Curve	C type
Poles per Circuit	1
Number of Circuits	1 to 24 (customer specified; up to 16 in Small, up to 24 in Large)
Current Rating	0.5A to 20A per circuit (customer specified)
Voltage Rating (AC)	277 VAC
Voltage Rating (DC)	60 VDC
Wire Size (Load)	14-6 AWG, solid or stranded, 75°C copper
Enclosure Type	NEMA 1 (UL Type 1, indoor)
Enclosure Material	Carbon steel, powder coat finish
Enclosure Color	ANSI 61 gray
Enclosure Dimensions	Small: 12H x 12W x 6D in (≤16 ckt) Large: 18H x 12W x 6D in (≤24 ckt)
Mounting	Wall mount, surface (SM) or flush (FM)
DIN Rail	35mm unslotted, plated steel
Operating Temperature	23°F to 140°F (-5°C to 60°C)
Relative Humidity	0-95%, non-condensing
Panel Listing	UL 508A
Assembly	Factory assembled and tested



Small Panel — 12 x 12 x 6 in, up to 16 circuits



Large Panel — 18 x 12 x 6 in, up to 24 circuits

ORDERING INFORMATION

Part Number	Description
PNL-CL-[SZ]-[##]CKT-[####]-[MT]-NEMA1	Current Limiting Panel, flexible configuration. Small (S) enclosure up to 16 circuits or Large (L) enclosure up to 24 circuits, 0.5A-20A per circuit, 277/120VAC, NEMA 1 indoor. Specify panel size, circuit count, breaker sizes, and mounting style (SM surface / FM flush) at time of order.

ORDERING INFORMATION

PNL-CL	[SZ] Panel Size	[##]CKT	[QQ][AA] Breaker Qty+Size	[MT] Mounting	Enclosure
PNL-CL	[SZ] PANEL SIZE	[##]CKT	[QQ][AA] BREAKER QTY+SIZE	[MT] MOUNTING	ENCLOSURE
PNL-CL Current Limiting Panel	S Small enclosure, 12x12x6 in, up to 16 circuits L Large enclosure, 18x12x6 in, up to 24 circuits	01CKT 1 circuit 02CKT 2 circuits 03CKT 3 circuits 04CKT 4 circuits 05CKT 5 circuits 06CKT 6 circuits 08CKT 8 circuits 10CKT 10 circuits 12CKT 12 circuits 16CKT 16 circuits (Small max) 20CKT 20 circuits (Large only) 24CKT 24 circuits (Large max)	[QQ]05 QQ pcs at 0.5A [QQ]1 QQ pcs at 1A [QQ]2 QQ pcs at 2A [QQ]3 QQ pcs at 3A [QQ]4 QQ pcs at 4A [QQ]5 QQ pcs at 5A [QQ]6 QQ pcs at 6A [QQ]8 QQ pcs at 8A [QQ]10 QQ pcs at 10A [QQ]12 QQ pcs at 12A [QQ]13 QQ pcs at 13A [QQ]15 QQ pcs at 15A [QQ]16 QQ pcs at 16A [QQ]20 QQ pcs at 20A	SM Surface mount (standard) FM Flush mount (recessed / trim ring)	NEMA1 NEMA 1, indoor, steel

Example: PNL-CL-S-10CKT-055-0510-SM-NEMA1 — Small panel, 10 circuits (5 at 5A + 5 at 10A mixed), surface mount. Also valid: PNL-CL-L-24CKT-245-FM-NEMA1 (Large panel, 24 ckt all 5A, flush mount), PNL-CL-S-3CKT-011-023-SM-NEMA1 (Small panel, 1 at 1A + 2 at 3A, surface mount)