

# PowerMark™ PRO

## Plug-on neutral load centres and circuit breakers

### Features and Benefits

#### Ease of installation

**Maximizes gutter space**—Plug-on neutral AFCI, GFCI and DFCI breakers

**Simplifies retrofits**—AFCI shared neutral lets you perform retrofits with ease, regardless of existing shared or mixed neutrals, and still meet CSA standards

**Easier wire installation**—Elevated neutral bars

**Quicker mounting**—Drywall-locating mounting depth location tab

**Convenient installation**—Diamond key knockouts, new knockout pattern and self-leveling center keyhole mounting

#### Flexible design

**User friendly**—Ground bar and ground lug are factory installed

**More room to work**—100% neutral terminations for all your needs

**Common breaker platform**—Stocking strategy is simplified

**More choices**—White trims available

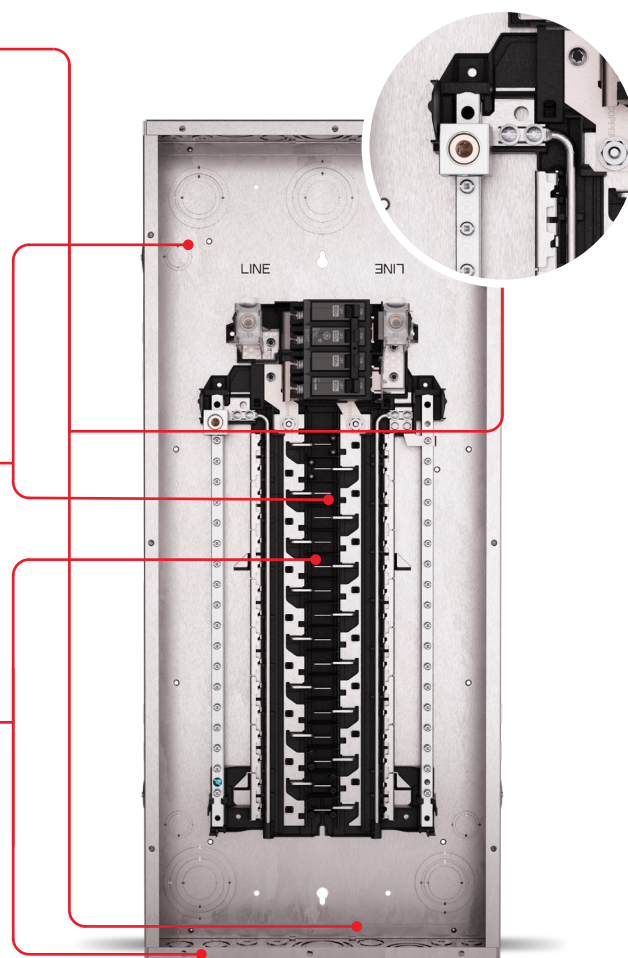
#### Increased Reliability

**Protection from environmental challenges**—Tin-plated copper bus to prevent corrosion

**Rugged**—Steel breaker mounting rail

**Durable**—One-piece interior

**Built to last**—Galvanized box



#### Technical features

- Standard main breaker range from 100A to 200A
- Available in 24-60 circuit capacity
- 22k AIC main breaker, series rated 22kA/10kA
- Single-phase, three-wire, 120/240VAC
- 60/75°C conductor rating

#### Certifications, standards

cULus Listed panelboards per CSA C22.2 No. 29



#### Circuit breakers

- Plug-on neutral circuit breakers reduce installation time—particularly for new home construction
- Our simple stocking strategy accepts all THQL-type breakers, including the new plug-on neutral, pigtail and standard thermal CBs\*
- 1 and 2 pole
- 10k and 22k AIC
- Arc fault, ground fault and dual-function CBs
- Thermal mag breakers: 15A to 125A

\*1/2" THQP are not compatible

Product catalog numbers

Plug-on Neutral Single-Phase Load Centers—NEMA 1

| Catalog Number | 1" / 1/2" Spaces | Type         | Amps | Front Color |
|----------------|------------------|--------------|------|-------------|
| PMC2410W       | 24 / 48          | Main Breaker | 100A | White       |
| PMC3210W       | 32 / 64          | Main Breaker | 100A | White       |
| PMC4010W       | 40 / 80          | Main Breaker | 100A | White       |
| PMC2412W       | 24 / 48          | Main Breaker | 125A | White       |
| PMC4015W       | 40 / 80          | Main Breaker | 150A | White       |
| PMC3220W       | 32 / 64          | Main Breaker | 200A | White       |
| PMC4020W       | 40 / 80          | Main Breaker | 200A | White       |
| PMC6020W       | 60 / 120         | Main Breaker | 200A | White       |
| PLC2412W       | 24 / 48          | Main Lugs    | 125A | White       |
| PLC3220W       | 32 / 64          | Main Lugs    | 200A | White       |
| PLC4020W       | 40 / 80          | Main Lugs    | 200A | White       |

Plug-on Neutral Single-Phase Load Centers—NEMA 3R

| Catalog Number | 1" / 1/2" Spaces | Type         | Amps | Front Color |
|----------------|------------------|--------------|------|-------------|
| PMC2420R       | 24 / 48          | Main Breaker | 200A | Gray        |

Plug-on Neutral Electronic Circuit Breakers

| Catalog Number | Amps | Poles | AIC | Protection |
|----------------|------|-------|-----|------------|
| THQL1115PAF2   | 15A  | 1P    | 10K | AFCI       |
| THQL1120PAF2   | 20A  | 1P    | 10K | AFCI       |
| THHQL1115PAF2  | 15A  | 1P    | 22K | AFCI       |
| THHQL1120PAF2  | 20A  | 1P    | 22K | AFCI       |
| THQL1115PDF    | 15A  | 1P    | 10K | AFCI/GFCI  |
| THQL1120PDF    | 20A  | 1P    | 10K | AFCI/GFCI  |
| THHQL1115PDF   | 15A  | 1P    | 22K | AFCI/GFCI  |
| THHQL1120PDF   | 20A  | 1P    | 22K | AFCI/GFCI  |
| THQL1115PGFT   | 15A  | 1P    | 10K | GFCI       |
| THQL1120PGFT   | 20A  | 1P    | 10K | GFCI       |
| THQL1125PGFT   | 25A  | 1P    | 10K | GFCI       |
| THQL1130PGFT   | 30A  | 1P    | 10K | GFCI       |
| THHQL1115PGFT  | 15A  | 1P    | 22K | GFCI       |
| THHQL1120PGFT  | 20A  | 1P    | 22K | GFCI       |
| THHQL1125PGFT  | 25A  | 1P    | 22K | GFCI       |
| THHQL1130PGFT  | 30A  | 1P    | 22K | GFCI       |
| THQL2115PGFT   | 15A  | 2P    | 10K | GFCI       |
| THQL2120PGFT   | 20A  | 2P    | 10K | GFCI       |
| THQL2125PGFT   | 25A  | 2P    | 10K | GFCI       |
| THQL2130PGFT   | 30A  | 2P    | 10K | GFCI       |
| THHQL2115PGFT  | 15A  | 2P    | 22K | GFCI       |
| THHQL2120PGFT  | 20A  | 2P    | 22K | GFCI       |
| THHQL2125PGFT  | 25A  | 2P    | 22K | GFCI       |
| THHQL2130PGFT  | 30A  | 2P    | 22K | GFCI       |

Thermal Magnetic Circuit Breakers, 1" per pole, 10kAIC

| Amps | 1P Catalog Number | 2P Catalog Number |
|------|-------------------|-------------------|
| 15   | THQL1115          | THQL2115          |
| 20   | THQL1120          | THQL2120          |
| 25   | THQL1125          | THQL2125          |
| 30   | THQL1130          | THQL2130          |
| 35   | THQL1135          | THQL2135          |
| 40   | THQL1140          | THQL2140          |
| 45   | THQL1145          | THQL2145          |
| 50   | THQL1150          | THQL2150          |
| 60   | THQL1160          | THQL2160          |
| 70   | THQL1170          | THQL2170          |
| 80   | ---               | THQL2180          |
| 90   | ---               | THQL2190          |
| 100  | ---               | THQL21100         |
| 110  | ---               | THQL21110         |
| 125  | ---               | THQL21125         |

Tandem and Quad Thermal Magnetic Circuit Breakers, 1/2" per pole, 10kAIC  
Amperage ratings by position

| Right | Center | Left | Catalog Number |
|-------|--------|------|----------------|
| 15    | -      | 15   | THQLT1515      |
| 20    | -      | 20   | THQLT2020      |
| 15    | -      | 20   | THQLT1520      |

Amperage ratings by position

| Right | Center 2P | Left | Catalog Number |
|-------|-----------|------|----------------|
| 15    | 15        | 15   | THQLQ151515    |
| 15    | 20        | 15   | THQLQ152015    |
| 15    | 30        | 15   | THQLQ153015    |
| 15    | 40        | 15   | THQLQ154015    |
| 20    | 15        | 20   | THQLQ201520    |
| 20    | 20        | 20   | THQLQ202020    |
| 20    | 30        | 20   | THQLQ203020    |
| 20    | 40        | 20   | THQLQ204020    |
| 20    | 30        | 15   | THQLQ203015    |

Surge Protective Device

| Catalog Number | 1" Spaces | Type    |
|----------------|-----------|---------|
| THQLSURGE2     | 2         | Plug-in |

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