

Panelboards

Modifications and Additions

Selection

P4 Panelboards

Devices Mounted on Gutter Cover Includes Device, Mounting – Wired or Unwired

Description
One piece front with door
Hinged Gutter Covers 4 pc front
Toggle Switch — SPST or 3-way
15A, 277V maximum
Pilot Light — General Purpose
Neon or Incandescent
Pushbutton

Increased Capacity Neutral

Ampere Rating	Unit Space (inches)
Phase	Neutral
400	600
400	800
600	1200
800	1200

Subfeed or Feed-Thru Lugs (One Set Per Panel) Subfeed Double Lugs (Main Lug Panels)

Amp Rating	Unit Spaces (Additional inches)
	MLO
400	0
600	0
800	N/A
1200	N/A

Feed-Thru Lugs

Ampere Rating	Unit Space (inches)
400	10
600	10
800	17.5
1200	17.5

Grounding of Panelboards Ground Bars (except for brazed-to-box) are shipped with the panel interior factory mounted.

- Non-Insulated Equipment Ground Bar – Standard
- Copper Non-Insulated Ground Bar
- Al Insulated Equipment Ground Bar
- Cu Insulated Equipment Ground Bar
- Ground Bar Brazed to Box

Fuse Clip Provisions (Add to 250 Volts or 600 Volts Unit Prices Per Switch)

Amp Rating	Class J	Class R	Class T
30		•	•
60		•	•
100		•	•
200		•	•

Spanner Wrenches (for Vacu-Break Switches)

Ground Fault on Main Breaker

Description
Conventional Ground Fault ① Includes: ground fault relay, ground sensor, CPT & shunt trip
Test and Monitor Panel ②
Ground Fault add to Sensitrip III breaker price

Time Clocks ③

Sangamo, Tork or Paragon time clock can be supplied, mounted in panelboard cabinet. For required increase in enclosure dimension, consult local sales office.

Description
Time clock (1- or 2-Pole, Single or Double Throw Contacts; 3-Pole Single Throw)
277V Maximum with Plain Dial
Optional: Astronomical Dial An Omitting Device Reserve Power or Carryover
Space and Mounting Provisions Only

Circuit Breaker Accessories Handle Blocking Device Blocks handle in either the “ON” or “OFF” position.

Padlocking Device – Padlocks in “OFF” position.

Main Bus

Standard main bus and ground bus are tin-plated aluminum. For copper main bus, neutral bus and ground bus, add from the table for each panel.

Lugs – For Main Lug Only Panels

Standard main lugs and neutral lugs are tin-plated aluminum, UL listed for use with aluminum/copper cables. Copper only lugs are an option.

Ampere Rating
400 - 1200

Shunt Trip on Main and Branches ④

Description
BL, BQD, NGB, HGB, LGB, NGB2, HGB2, LGB2 (branch only)
QR2, QRH2, HQR2, HQR2H, ED4, ED6, HED4, HHED6, CED6
All others to 800A

100% Rated Main Circuit Breakers

Ampere Rating	Breaker Type
400A	JXD6H, HJXD6H SCJD6H, SHJD6H NJY, HJY, LJY
600A	LXD6H, HLXD6H NMY®, HMY®, LMY®

① Available in 90" high enclosure only. Unit space is 42 1/2" with Test and Monitor Panel; 45" without Test and Monitor Panel.

② Not available on Sensitrip III.

③ For required unit space, consult local sales office.

④ Shunt Trip on 100A frame breakers increases mounting height to 6.25" for twin mounting.

⑤ The 600A, 100% rated breaker requires the use of an 800A frame breaker.