

## Product Selection

## Product Types

## Type PRL1a

**Bolt-on Circuit Breakers  
240V AC Maximum**

- Main Lugs Only  
600 amperes maximum.
- Main Circuit Breaker  
400 amperes maximum.
- Branch Circuit Breakers  
100 amperes maximum.  
(1 pole and 3 pole)  
125 amperes maximum.  
(2 pole)



Type PRL1a

## Type PRL2a

**Bolt-on Circuit Breakers  
240V, 480Y/277V or 600Y/347V AC;  
125/250V DC Maximum**

- Main Lugs Only  
600 amperes maximum.
- Main Circuit Breaker  
400 amperes maximum.
- Branch Circuit Breakers  
100 amperes maximum,  
1-, 2- and 3-pole.



Type PRL2a

## Type PRL3a

**Bolt-on Circuit Breakers  
240V, 480V or 600V AC; 250V DC Maximum**

- Main Lugs Only  
600 amperes maximum.
- Main Circuit Breaker  
600 amperes maximum.
- Branch Circuit Breakers  
225 amperes maximum,  
1-, 2- and 3-pole.



Type PRL3a

## Type PRL4

**Circuit Breakers or Fusible Switches  
240V, 480V or 600V AC; 250V DC Maximum**

- Main Lugs Only  
1200 amperes maximum.
- Main Circuit Breaker  
1200 amperes maximum.
- Main Fusible Switch  
1200 amperes maximum.
- Branch Circuit Breakers  
1200 amperes maximum,  
1-, 2- and 3-pole.
- Branch Fusible Switches  
1200 amperes maximum,  
2- and 3-pole.



Type PRL4

## Type PRL5P

**Plug-on Circuit Breakers  
240V, 480V or 600V AC; 250V DC Maximum**

- Main Lugs Only  
1200 amperes maximum.
- Main Circuit Breaker  
1200 amperes maximum.
- Branch Circuit Breakers  
1200 amperes maximum,  
1-, 2- and 3-pole.



Type PRL5P

## Pow-R-Command

**Bolt-on Circuit Breakers  
240V or 480Y/277V AC**

- Main Lugs Only  
400 amperes maximum.
- Main Circuit Breaker  
400 amperes maximum.
- Branch Circuit Breakers  
225 amperes maximum,  
1-, 2- and 3-pole.
- Integral Power Switching Controls.



Pow-R-Command

**PRL2a**

**Product Description**

- 600Y/347 V AC.
- 480Y/277V AC .
- 125V AC
- 3-phase 4-wire
- 1-phase 3-wire, 1-phase 2-wire.⑥
- 3-phase 3-wire. ⑥
- 600 ampere maximum main lugs.
- 400 ampere maximum main breaker.
- 100 ampere maximum branch breakers.
- Bolt-on branch breakers.
- Tin plated aluminum bus or silver plated copper bus.
- Factory assembled.



Type PRL2a

**Application Description**

- Fully rated or series rated.
- Interrupting ratings up to 200 kA symmetrical.
- Suitable for use as Service Entrance Equipment, when specified on the order.

**Standards and Certifications**

- CSA C22.2 No. 29
- Federal Specification W-P-115c.

**Options and Accessories**

- Refer to **Page 2-29**.

**Layout and Sizing**

- Refer to **Page 2-7**.

**Product Selection**

**Table 2-7. Base Configuration — PRL2a**

Ampere Rating	Interrupting Rating (kA Symmetrical)				Breaker Type
	240V AC	480Y/277V AC	600Y/347V AC	125/250V DC	
<b>Main Lug Only</b>					
100	—	—	—	—	—
225	—	—	—	—	—
400	—	—	—	—	—
600	—	—	—	—	—
<b>Main Breaker</b>					
100	65	14	—	14	GHB
100	65	14	10	14	GBH
100	18	14	—	10	EHD
100	65	35	18	10	FD
100	18	14	14	10	FDB
100	100	65	25	22	HFD
100	200	100	35	22	FDC
225	65	—	—	—	ED
225	18	14	14	10	FDB
225	65	35	18	10	FD
225	100	65	25	22	HFD
225	200	100	35	22	FDC
250	65	35	18	10	JD
250	100	65	25	22	HJD
250	200	100	35	22	JDC
400	65	35	25	10	KD
400	100	65	35	22	HKD
400	200	100	65	22	KDC

**Table 2-8. Branch Circuit Breakers — PRL2a**

Ampere Rating	Interrupting Rating (kA Symmetrical)				Breaker Type
	240V AC②	480Y/277V AC	600Y/347V AC	125/250V DC	
15 – 60	65	14	—	14	GHB ②
15 – 60	65	14	10	14	GBH ②
70 – 100	65	14	—	14	GHB ②
70 – 100	65	14	10	14	GBH ②
15 – 30	65	14	—	—	GHQRSP ②③
15 – 60	—	14	—	—	GHBGFEP②④
15 – 20	—	14	—	—	GBHID ②⑤
Provision	—	—	—	—	—

① Interrupting ratings in this column are applicable to 120V AC for 1-pole breakers.  
 ② At 480V, must be used on 480Y/277V grounded wye systems only.  
 ③ Solenoid operated breaker.  
 ④ GFP for 30 mA equipment protection. Requires 2-pole spaces. 277V AC only.  
 ⑤ HID (High Intensity Discharge) rated breaker.  
 ⑥ 240V AC maximum rating for these systems.  
 ⑦ At 600V, must be used on 600Y/347V grounded wye systems only.

## PRL2a

## Product Selection

Table 2-9. Standard Catalogue Numbering

Ampere Rating	Main Device Type	Number of Branch Circuits	Catalogue Number			
			3Ph, 4W Aluminum	1Ph, 3W Aluminum	3Ph, 4W Copper	1Ph, 3W Copper
<b>Main Lug Only</b>						
100		18	P2aL4A1-18	-	P2aL4C1-18	-
		24	P2aL4A1-24	-	P2aL4C1-24	-
		30	P2aL4A1-30	-	P2aL4C1-30	-
		42	P2aL4A1-42	-	P2aL4C1-42	-
225		24	P2aL4A2-24	-	P2aL4C2-24	-
		30	P2aL4A2-30	-	P2aL4C2-30	-
		42	P2aL4A2-42	-	P2aL4C2-42	-
		60	P2aL4A2-60	-	P2aL4C2-60	-
		72	P1aL4A2-72	-	P2aL4C2-72	-
400		24	P2aL4A4-24	-	P2aL4C4-24	-
		30	P2aL4A4-30	-	P2aL4C4-30	-
		42	P2aL4A4-42	-	P2aL4C4-42	-
		60	P2aL4A4-60	-	P2aL4C4-60	-
		72	P2aL4A4-72	-	P2aL4C4-72	-
600		24	-	-	P2aL4C6-24	-
		30	-	-	P2aL4C6-30	-
		42	-	-	P2aL4C6-42	-
		60	-	-	P2aL4C6-60	-
		72	-	-	P2aL4C6-72	-
<b>Main Breaker <sup>②</sup></b>						
100	GBH	15	P2aB4A1-15GBH	-	P2aB4C1-15GBH	-
		21	P2aB4A1-21GBH	-	P2aB4C1-21GBH	-
		27	P2aB4A1-27GBH	-	P2aB4C1-27GBH	-
100	FDB	18	P2aB4A1-18FDB	-	P2aB4C1-18FDB	-
		24	P2aB4A1-24FDB	-	P2aB4C1-24FDB	-
		30	P2aB4A1-30FDB	-	P2aB4C1-30FDB	-
225	FDB	24	P2aB4A2-24FDB	-	P2aB4C2-24FDB	-
		30	P2aB4A2-30FDB	-	P2aB4C2-30FDB	-
		42	P2aB4A2-42FDB	-	P2aB4C2-42FDB	-
		60	P2aB4A2-60FDB	-	P2aB4C2-60FDB	-
		72	P2aB4A2-72FDB	-	P2aB4C2-72FDB	-
400	KD	24	P2aB4A4-24KD	-	P2aB4C4-24KD	-
		30	P2aB4A4-30KD	-	P2aB4C4-30KD	-
		42	P2aB4A4-42KD	-	P2aB4C4-42KD	-
		60	P2aB4A4-60KD	-	P2aB4C4-60KD	-
		72	P2aB4A4-72KD	-	P2aB4C4-72KD	-

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## Pow-R-Line 2a Catalogue Code

P2a	B	4	A	4	-	42	KDC	400
Panelboard Type	L - Main Lugs Only B - Bottom Main Breaker T - Top Main Breaker	1 - 1phase, 3 wire 3 - 3phase, 3 wire 4 - 3phase, 4 wire	A - Aluminum C - Copper	1 - 100 amperes 2 - 225 amperes 4 - 400 amperes 6 - 600 amperes	- - -	Number of Circuits	Main Breaker (if selected)	Breaker Trip Rating

① All possible combinations not shown. For alternate main breakers, substitute breaker type suffix from Table 2-7.

② Add breaker trip rating to end of catalogue number.