

Pow-R-Xpress

Panelboard stocking program reference guide



Unassembled panelboards—EZ Box™ and EZ Trim™

Box, interior and trim color match the grouping in the chart.

Ampere rating	Maximum number of poles	Catalog numbers		Boxes	Trims (NEMA® 1)		NEMA 3R enclosures
		Interiors (less main device)			NEMA 1	Surface	
		Aluminum bus	Copper bus				
Single-phase, three-wire, 120/240 V							
100	18	PRL1X1100X18A	PRL1X1100X18C	EZB2036RBS	EZT2036S	EZT2036F	GWPBQ2036PR
100	30	PRL1X1100X30A	PRL1X1100X30C	EZB2048RBS	EZT2048S	EZT2048F	GWPBQ2048PR
100	42	PRL1X1100X42A	PRL1X1100X42C	EZB2048RBS	EZT2048S	EZT2048F	GWPBQ2048PR
225	30	PRL1X1225X30A	PRL1X1225X30C	EZB2048RBS	EZT2048S	EZT2048F	GWPBQ2048PR
225	42	PRL1X1225X42AS ①	PRL1X1225X42CS ①	EZB2048RBS	EZT2048S	EZT2048F	GWPBQ2048PR
225	42	PRL1X1225X42A	PRL1X1225X42C	EZB2060RBS	EZT2060S	EZT2060F	GWPBQ2060PR
400	42	PRL1X1400X42AS ①	PRL1X1400X42CS ①	EZB2060RBS	EZT2060S	EZT2060F	GWPBQ2060PR
400	42	PRL1X1400X42A	PRL1X1400X42C	EZB2072RBS	EZT2072S	EZT2072F	GWPBQ2072PR
600	42	—	PRL1X1600X42C	EZB2072RBS	EZT2072R	EZT2072F	GWPBQ2072PR
600	42	—	PRL1X1600X42CL	EZB2090RBS	EZT2090S	EZT2090F	GWPBQ2090PR
Three-phase, four-wire, 208Y/120 V							
100	18	PRL1X3100X18A	PRL1X3100X18C	EZB2036RBS	EZT2036S	EZT2036F	GWPBQ2036PR
100	30	PRL1X3100X30A	PRL1X3100X30C	EZB2048RBS	EZT2048S	EZT2048F	GWPBQ2048PR
100	42	PRL1X3100X42A	PRL1X3100X42C	EZB2048RBS	EZT2048S	EZT2048F	GWPBQ2048PR
225	30	PRL1X3225X30A	PRL1X3225X30C	EZB2048RBS	EZT2048S	EZT2048F	GWPBQ2048PR
225	42	PRL1X3225L42AS ①	PRL1X3225L42CS ①	EZB2042RBS	EZT2042S	EZT2042F	GWPBQ2042PR
225	42	PRL1X3225X42AS ①	PRL1X3225X42CS ①	EZB2048RBS	EZT2048S	EZT2048F	GWPBQ2048PR
225	42	PRL1X3225X42A	PRL1X3225X42C	EZB2060RBS	EZT2060S	EZT2060F	GWPBQ2060PR
400	42	PRL1X3400X42AS ①	PRL1X3400X42CS ①	EZB2060RBS	EZT2060S	EZT2060F	GWPBQ2060PR
400	42	PRL1X3400X42A	PRL1X3400X42C	EZB2072RBS	EZT2072S	EZT2072F	GWPBQ2072PR
600	42	—	PRL1X3600X42C	EZB2072RBS	EZT2072S	EZT2072F	GWPBQ2072PR
600	42	—	PRL1X3600X42CL	EZB2090RBS	EZT2090S	EZT2090F	GWPBQ2090PR
Three-phase, four-wire, 480Y/277 V							
100	18	PRL2X3100X18A	PRL2X3100X18C	EZB2036RBS	EZT2036S	EZT2036F	GWPBQ2036PR
100	30	PRL2X3100X30A	PRL2X3100X30C	EZB2048RBS	EZT2048S	EZT2048F	GWPBQ2048PR
100	42	PRL2X3100X42A	PRL2X3100X42C	EZB2048RBS	EZT2048S	EZT2048F	GWPBQ2048PR
225	30	PRL2X3225X30A	PRL2X3225X30C	EZB2048RBS	EZT2048S	EZT2048F	GWPBQ2048PR
225	42	PRL2X3225L42AS ①	PRL2X3225L42CS ①	EZB2042RBS	EZT2042S	EZT2042F	GWPBQ2042PR
225	42	PRL2X3225X42AS ①	PRL2X3225X42CS ①	EZB2048RBS	EZT2048S	EZT2048F	GWPBQ2048PR
225	42	PRL2X3225X42A	PRL2X3225X42C	EZB2060RBS	EZT2060S	EZT2060F	GWPBQ2060PR
400	42	PRL2X3400X42AS ①	PRL2X3400X42CS ①	EZB2060RBS	EZT2060S	EZT2060F	GWPBQ2060PR
400	42	PRL2X3400X42A	PRL2X3400X42C	EZB2072RBS	EZT2072S	EZT2072F	GWPBQ2072PR
600	42	—	PRL2X3600X42C	EZB2072RBS	EZT2072S	EZT2072F	GWPBQ2072PR
600	42	—	PRL2X3600X42CL	EZB2090RBS	EZT2090S	EZT2090F	GWPBQ2090PR

① S = Short—no TFL or SFB provisions.

Note: Series ratings available for main lug only interiors with selected upstream main devices.



Powering Business Worldwide

Compliances, specifications and availability are subject to change without notice. Please contact your Eaton representative for availability.

Branch breakers

Breaker	Poles	Ampere rating	Voltage	kAIC rating	Example	Panelboard type
BAB ①②	1	15–70	120 V	10	BAB1020	PRL1X
	2	15–100	120/240 V	10	BAB2020	PRL1X
	2	15–100	240 V	10	BAB2040H	PRL1X
	3	15–100	240 V	10	BAB3030H	PRL1X
QBAF	1	15–20	120 V	10	QBAF1020	PRL1X
QB-CAF	1	15–20	120 V	22	QB1020CAF	PRL1X
QBH-CAF	1	15–20	120 V	10	QBH1020CAF	PRL1X
QB-GF	1	15–20	120 V	22	QB1020GF	PRL1X
QBGFT	1	15–40	120 V	10	QBGFT1020	PRL1X
	2	15–50	120/240 V	10	QBGFT2040	PRL1X
QBHGFT	1	15–30	120 V	22	QBHGFT1020	PRL1X
	2	15–30	120/240 V	22	QBHGFT2020	PRL1X
QBGFEP	2	15–50	120/240 V	10	QBGFEP2020	PRL1X
QBH-EP	1	15–30	120 V	22	QBH1020EP	PRL1X
QBHGFEF	2	15–30	120/240 V	22	QBHGFEF2020	PRL1X
QBHW ①	1	15–70	120 V	22	QBHW1020	PRL1X
	2	15–100	120/240 V	22	QBHW2020	PRL1X
	2	15–100	240 V	22	QBHW2040H	PRL1X
	3	15–100	240 V	22	QBHW3030H	PRL1X
GHQ ①	1	15–20	277 V	14	GHQ1020	PRL2X
GHB ①②	1	15–100	277 V	14	GHB1020	PRL2X
	2	15–100	480Y/277 V	14	GHB2040	PRL2X
	3	15–100	480Y/277 V	14	GHB3060	PRL2X

① BAB, QBHW, GHQ and GHB breakers installed in PRL1X and PRL2X are available with shunt trip, i.e., BAB1020S.

② BAB-H and GHB 50–100 A available as chassis-mounted main device.

Kits—main lugs and through-feed lugs

Single-phase or three-phase

Ampere rating	Service phase	Wire range Al/Cu	Catalog number
100	1 or 3	(1) #14–1/0	LUGKIT100
225	1 or 3	(1) #6–300 kcmil	LUGKIT225
400	1 or 3	(2) #2–500 kcmil	LUGKIT400
600	1 or 3	(2) 250–500 kcmil	LUGKIT600

Sub-feed breaker covers for use with 400 A or 600 A panelboards

Minimum quantity of 5

Panelboard ampere rating	Sub-feed breaker maximum ampere rating	Catalog number
400	225	SFBCVR225ATOP ①
		SFBCVR225ABOT ①
600	225	SFBCVR225BTOP ②
		SFBCVR225BBOT ②
600	400	SFBCVR400ATOP ②
		SFBCVR400ABOT ②

① Must be used in conjunction with the 400 A panelboard only when adding a sub-feed breaker.

② Must be used in conjunction with the 600 A panelboard only when adding a sub-feed breaker.

Kits—insulated/isolated or copper ground or series rating

Carton quantity of 5

Ampere rating	Service phase	Panelboard type	Catalog number
—	1 or 3	PRL1X or PRL2X	ISOGROUND
—	1 or 3	PRL1X or PRL2X	CUGROUND
—	1 or 3	PRL1X or PRL2X	SRK

Kits—service entrance MLO and MCB

SE kits to be used with MLO or MCB

Ampere rating	Service phase	Panelboard type	Catalog number
100/225	1 or 3	PRL1X or PRL2X	SEK1/2 ①
400	1 or 3	PRL1X or PRL2X	SEK4/6 ①
100	1 or 3	PRL1X only	SEKB ②
100	1 or 3	PRL2X only	SEKG ③④
225	1 or 3	PRL1X or PRL2X	SEPD2 ⑤⑥
400/600	1 or 3	PRL1X or PRL2X	SEPD3 ⑤⑥

① Applicable for use with MLO, SE panelboards only.

② Only applicable for SE PRL1X with chassis-mounted BAB, QBH main breaker.

③ Only applicable for SE PRL2X with chassis-mounted GHB main breaker.

④ Main breaker panelboards only—includes barrier kit and bonding jumper.

⑤ To be used with PDG2-frame main breaker.

⑥ To be used with PDG3-frame main breaker.

Kits—200% neutral

Ampere rating	Service phase	Panelboard type	Catalog number
100	1 or 3	PRL1X or PRL2X	2NK100
225	1 or 3	PRL1X or PRL2X	2NK225
400/600	1 or 3	PRL1X or PRL2X	1NK400

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Convertible main circuit breaker kits—single-phase and three-phase

Convertible breaker kits are assembled with terminals and load bus connectors, easily mounted in a top-entry configuration without modifications. They can be converted in the field to a bottom-entry configuration with minor disassembly/re-assembly per the included instructions.

Maximum voltage	Ampere rating	kAIC rating	Breaker type	Wire range Al/Cu	Catalog number
240 V	100	35	PDD23F0100TFFL	(1) #14–1/0	BKD2F100
	125	35	PDD23F0125TFFL	(1) #4–4/0	BKD2F125
	150	35	PDD23F0150TFFL	(1) #4–4/0	BKD2F150
	175	35	PDD23F0175TFFL	(1) #4–4/0	BKD2F175
	200	35	PDD23F0200TFFL	(1) #4–4/0	BKD2F200
	225	35	PDD23F0225TFFL	(1) #4–4/0	BKD2F225
240 V	100	65	PDD23G0100TFFL	(1) #14–1/0	BKD2G100
	125	65	PDD23G0125TFFL	(1) #4–4/0	BKD2G125
	150	65	PDD23G0150TFFL	(1) #4–4/0	BKD2G150
	175	65	PDD23G0175TFFL	(1) #4–4/0	BKD2G175
	200	65	PDD23G0200TFFL	(1) #4–4/0	BKD2G200
	225	65	PDD23G0225TFFL	(1) #4–4/0	BKD2G225
240 V	250	65	PDD33G0250TFAN	(1) 250–500 kcmil	BKD3G250
	300	65	PDD33G0300TFAN	(1) 250–500 kcmil	BKD3G300
	350	65	PDD33G0350TFAN	(1) 250–500 kcmil	BKD3G350
	400	65	PDD33G0400TFAN	(2) 3/0–250 kcmil or (1) 3/0–500 kcmil	BKD3G400
480 V	100	35	PDG23G0100TFFL	(1) #14–1/0	BKG2G100
	110	35	PDG23G0110TFFL	(1) #4–4/0	BKG2G110
	125	35	PDG23G0125TFFL	(1) #4–4/0	BKG2G125
	150	35	PDG23G0150TFFL	(1) #4–4/0	BKG2G150
	175	35	PDG23G0175TFFL	(1) #4–4/0	BKG2G175
	200	35	PDG23G0200TFFL	(1) #4–4/0	BKG2G200
	225	35	PDG23G0225TFFL	(1) #4–4/0	BKG2G225
480 V	100	65	PDG23M0100TFFL	(1) #14–1/0	BKG2M100
	110	65	PDG23M0110TFFL	(1) #4–4/0	BKG2M110
	125	65	PDG23M0125TFFL	(1) #4–4/0	BKG2M125
	150	65	PDG23M0150TFFL	(1) #4–4/0	BKG2M150
	175	65	PDG23M0175TFFL	(1) #4–4/0	BKG2M175
	200	65	PDG23M0200TFFL	(1) #4–4/0	BKG2M200
	225	65	PDG23M0225TFFL	(1) #4–4/0	BKG2M225
480 V	250	35	PDG33G0400FNNN PDG3XTFA30250	(1) 250–500 kcmil	BKG3G250
	300	35	PDG33G0400FNNN PDG3XTFA30300	(1) 250–500 kcmil	BKG3G300
	350	35	PDG33G0400FNNN PDG3XTFA30350	(1) 250–500 kcmil	BKG3G350
	400	35	PDG33G0400FNNN PDG3XTFA30400	(2) 3/0–250 kcmil or (1) 3/0–500 kcmil	BKG3G400
480 V	250	65	PDG33M0400FNNN	(1) 250–500 kcmil	BKG3M250
	300	65	PDG33M0400FNNN	(1) 250–500 kcmil	BKG3M300
	350	65	PDG33M0400FNNN	(1) 250–500 kcmil	BKG3M350
	400	65	PDG33M0400FNNN	(2) 3/0–250 kcmil or (1) 3/0–500 kcmil	BKG3M400
480 V	500	35	PDG33G0600FNNN PDG3XTFA30500	(2) #2–500 kcmil	BKG3G500
	600	35	PDG33G0600FNNN PDG3XTFA30600	(2) #2–500 kcmil	BKG3G600

Note: Order optional lug kit catalog number **3TA225FDK** for 175 A to 225 A F-frame three-pole circuit breakers to provide terminations for (1) #6–300 kcmil.

Note: Add B to the end of any catalog number for a vertical bottom breaker kit.

Note: Add H to the end of catalog number for horizontal mounted main—225 A maximum ampere rating only.

Compliances, specifications and availability are subject to change without notice. Please contact your Eaton representative for availability.

Assembled power panelboards

Power panelboards can be a critical part of the complete small project or light commercial (LCOM) job. Pow-R-Xpress (PRX) distributors have access to additional support capabilities through Eaton's satellite network where the PRX distributor will be able to provide a complete package including power panelboards.

By partnering with the local satellite, PRX distributors can get simple, **Lead Time: B**, power panelboards, fully assembled, in LCOM competitive lead times. This offering is available to distributors who are committed PRX program members. The balance of the materials will be provided by the PRX distributor through their stock.

PRX materials required through distributor stock include:

- PRL1X/PRL2X unassembled panelboards via Pow-R-Xpress program
- Safety switches
- Transformers
- Box for power panelboard (strongly recommended)

Lead Time: B can be seen in the Bid Manager Panelboard Take-off on the price ribbon tab or within the summary or hierarchical price detail.



PRL3X



Maximum voltage

600 Vac
250 Vdc, 2 W

Maximum amperage

600 A main, 800 A MLO
225 A branch
400 A sub-feed

Standard provisions

No—must be manually added

Product type

Panelboard

Features

- Standard chassis accepts Power Defense™ molded case circuit breakers
- Can include PRL1X or PRL2X sub-chassis for miniature circuit breakers
- EZ Box and EZ Trim standard
- Surge options are available up to 200 kA
- Integral customer metering options are available

The bottom line: The PRL3X is a hybrid lighting and power panelboard for lighting/appliance and small power distribution and motor applications.

Pow-R-Xpress assembled offering can include the following:

Maximum voltage ❶

480 Vac

Maximum amperage

600 A main breaker/MLO
225 A branch ❶
400 A sub-feed ❶

Standard features

- PRL1X and PRL2X sub-chassis for miniature circuit breakers
- EZ Box and EZ Trim with no modifications
- Enclosures NEMA 1 and NEMA 3R
- Standard accessories 1a/1b auxiliary, 120 Vac shunt trip, etc. ❶

PRL4X



Maximum voltage

600 Vac
600 Vdc, 2 W

Maximum amperage

1200 A main
1200 A branch

Standard provisions

No—must be manually added

Product type

Panelboard

Features

- Standard chassis accepts Power Defense molded case circuit breakers
- Can include PRL1X or PRL2X sub-chassis for miniature circuit breakers
- BX type can, DFC only standard
- Complete line of Power Xpert metering options are available
- GFCI on the main circuit breaker is available
- Surge options are available up to 400 kA with integral breaker

The bottom line: The PRL4X is designed for 1200 A and below, service entrance, power distribution and motor applications.

Pow-R-Xpress assembled offering can include the following:

Maximum voltage ❶

480 Vac

Maximum amperage

1200 A main breaker/MLO ❶
1200 A branch ❶
1200 A through-feed

Standard features

- PRL1X and PRL2X sub-chassis for miniature circuit breakers
- BX type can, DFC only standard
- Enclosures NEMA 1 and NEMA 3R
- Standard accessories 1a/1b auxiliary, 120 Vac shunt trip, etc. ❶

❶ Lead Time: B code may vary with specific selection. PRX assembled offering includes Lead Time: B selections as identified in Bid Manager Panelboard Take-off on the price ribbon tab or within the summary or hierarchical price detail.

Note: For power panelboards outside of these Pow-R-Xpress parameters, contact your local satellite for price and availability.

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