

Pow-R-Xpress

Panelboard in-stock solutions reference guide

GET IT DONE **TODAY** ✓



Powering Business Worldwide



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 ❶	Trims (NEMA® 1) ❷		NEMA 3R enclosures	
		Interiors (less main device)			NEMA 1	Surface		Flush
		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	18	PRL1X1225X18AS ❶	PRL1X1225X18CS ❶	EZB2036RBS	EZT2036S	EZT2036F	GWPBQ2036PR	
225	30	PRL1X1225X30AS ❶	PRL1X1225X30CS ❶	EZB2042RBS	EZT2042S	EZT2042F	GWPBQ2042PR	
225	30	PRL1X1225X30A	PRL1X1225X30C	EZB2048RBS	EZT2048S	EZT2048F	GWPBQ2048PR	
225	42	PRL1X1225X42AS ❶	PRL1X1225X42CS ❶	EZB2048RBS	EZT2048S	EZT2048F	GWPBQ2048PR	
225	42	PRL1X1225X42A	PRL1X1225X42C	EZB2060RBS	EZT2060S	EZT2060F	GWPBQ2060PR	
225	60	PRL1X1225X60AS ❶	PRL1X1225X60CS ❶	EZB2060RBS	EZT2060S	EZT2060F	GWPBQ2060PR	
225	60	PRL1X1225X60A	PRL1X1225X60C	EZB2072RBS	EZT2072S	EZT2072F	GWPBQ2072PR	
400	42	PRL1X1400X42AS ❶	PRL1X1400X42CS ❶	EZB2060RBS	EZT2060S	EZT2060F	GWPBQ2060PR	
400	42	PRL1X1400X42A	PRL1X1400X42C	EZB2072RBS	EZT2072S	EZT2072F	GWPBQ2072PR	
400	42	PRL1X1400B42A ❷	PRL1X1400B42C ❷	EZB2090RBS	EZT2090S	EZT2090F	GWPBQ2090PR	
400	60	PRL1X1400X60AS ❶❷	PRL1X1400X60CS ❶❷	EZB2090RBS	EZT2090S	EZT2090F	GWPBQ2090PR	
600	42	—	PRL1X1600X42C	EZB2072RBS	EZT2072S	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	18	PRL1X3225X18AS ❶	PRL1X3225X18CS ❶	EZB2036RBS	EZT2036S	EZT2036F	GWPBQ2036PR	
225	30	PRL1X3225X30AS ❶	PRL1X3225X30CS ❶	EZB2042RBS	EZT2042S	EZT2042F	GWPBQ2042PR	
225	30	PRL1X3225X30A	PRL1X3225X30C	EZB2048RBS	EZT2048S	EZT2048F	GWPBQ2048PR	
225	42	PRL1X3225L42AS ❶	PRL1X3225L42CS ❶	EZB2042RBS	EZT2042S	EZT2042F	GWPBQ2042PR	
225	42	PRL1X3225X42AS ❶	PRL1X3225X42CS ❶	EZB2048RBS	EZT2048S	EZT2048F	GWPBQ2048PR	
225	42	PRL1X3225X42A	PRL1X3225X42C	EZB2060RBS	EZT2060S	EZT2060F	GWPBQ2060PR	
225	60	PRL1X3225X60AS ❶	PRL1X3225X60CS ❶	EZB2060RBS	EZT2060S	EZT2060F	GWPBQ2060PR	
225	60	PRL1X3225X60A	PRL1X3225X60C	EZB2072RBS	EZT2072S	EZT2072F	GWPBQ2072PR	
400	42	PRL1X3400X42AS ❶	PRL1X3400X42CS ❶	EZB2060RBS	EZT2060S	EZT2060F	GWPBQ2060PR	
400	42	PRL1X3400X42A	PRL1X3400X42C	EZB2072RBS	EZT2072S	EZT2072F	GWPBQ2072PR	
400	42	PRL1X3400B42A ❷	PRL1X3400B42C ❷	EZB2090RBS	EZT2090S	EZT2090F	GWPBQ2090PR	
400	42	PRL1X3400X42AD ❷	PRL1X3400X42CD ❷	EZB2090RBS	EZT2090S	EZT2090F	GWPBQ2090PR	
400	60	PRL1X3400X60AS ❶❷	PRL1X3400X60CS ❶❷	EZB2090RBS	EZT2090S	EZT2090F	GWPBQ2090PR	
600	42	—	PRL1X3600X42C	EZB2072RBS	EZT2072S	EZT2072F	GWPBQ2072PR	
600	42	—	PRL1X3600X42CL	EZB2090RBS	EZT2090S	EZT2090F	GWPBQ2090PR	
600	42	—	PRL1X3600X42CD ❷	EZB2090RBS	EZT2090S	EZT2090F	GWPBQ2090PR	
225	18	PRL2X3225X18AS1 ❶❷	PRL2X3225X18CS1 ❶❷	EZB2036RBS	EZT2036S	EZT2036F	GWPBQ2036PR	
225	30	PRL2X3225X30AS1 ❶❷	PRL2X3225X30CS1 ❶❷	EZB2042RBS	EZT2042S	EZT2042F	GWPBQ2042PR	
225	42	PRL2X3225X42A1 ❶	PRL2X3225X42C1 ❶	EZB2060RBS	EZT2060S	EZT2060F	GWPBQ2060PR	
225	60	PRL2X3225X60AS1 ❶❷	PRL2X3225X60CS1 ❶❷	EZB2060RBS	EZT2060S	EZT2060F	GWPBQ2060PR	
225	60	PRL2X3225X60A1 ❶	PRL2X3225X60C1 ❶	EZB2072RBS	EZT2072S	EZT2072F	GWPBQ2072PR	
400	42	PRL2X3400X42A1 ❶	PRL2X3400X42C1 ❶	EZB2072RBS	EZT2072S	EZT2072F	GWPBQ2072PR	
400	42	PRL2X3400B42A1 ❶❷	PRL2X3400B42C1 ❶❷	EZB2090RBS	EZT2090S	EZT2090F	GWPBQ2090PR	
400	60	PRL2X3400X60AS1 ❶❷	PRL2X3400X60CS1 ❶❷	EZB2090RBS	EZT2090S	EZT2090F	GWPBQ2090PR	

❶ Use **28** for 28" wide boxes (i.e., EZB2842RBS).

❷ Use **EZTV** for vented trims (i.e., EZTV2048S) and use **28** for 28" wide trims for EZT/EZTV (i.e., EZT2848S).

❸ S = Short—no TFL or SFB provisions.

❹ 400 A interior sized for 750 kcmil.

❺ PRL2X 120/208 at 65 k.

❻ 400 A and 600 A density rated bus interiors.

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

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 ❶	Trims (NEMA® 1) ❷		NEMA 3R enclosures
		Interiors (less main device)			Surface	Flush	
		Aluminum bus	Copper bus				
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	18	PRL2X3225X18AS ❶	PRL2X3225X18CS ❶	EZB2036RBS	EZT2036S	EZT2036F	GWPBQ2036PR
225	30	PRL2X3225X30AS ❶	PRL2X3225X30CS ❶	EZB2042RBS	EZT2042S	EZT2042F	GWPBQ2042PR
225	30	PRL2X3225X30A	PRL2X3225X30C	EZB2048RBS	EZT2048S	EZT2048F	GWPBQ2048PR
225	42	PRL2X3225L42AS ❶	PRL2X3225L42CS ❶	EZB2042RBS	EZT2042S	EZT2042F	GWPBQ2042PR
225	42	PRL2X3225X42AS ❶	PRL2X3225X42CS ❶	EZB2048RBS	EZT2048S	EZT2048F	GWPBQ2048PR
225	42	PRL2X3225X42A	PRL2X3225X42C	EZB2060RBS	EZT2060S	EZT2060F	GWPBQ2060PR
225	60	PRL2X3225X60AS ❶	PRL2X3225X60CS ❶	EZB2060RBS	EZT2060S	EZT2060F	GWPBQ2060PR
225	60	PRL2X3225X60A	PRL2X3225X60C	EZB2072RBS	EZT2072S	EZT2072F	GWPBQ2072PR
400	42	PRL2X3400X42AS ❶	PRL2X3400X42CS ❶	EZB2060RBS	EZT2060S	EZT2060F	GWPBQ2060PR
400	42	PRL2X3400X42A	PRL2X3400X42C	EZB2072RBS	EZT2072S	EZT2072F	GWPBQ2072PR
400	42	PRL2X3400B42A ❷	PRL2X3400B42C ❷	EZB2090RBS	EZT2090S	EZT2090F	GWPBQ2090PR
400	42	PRL2X3400X42AD ❷	PRL2X3400X42CD ❷	EZB2090RBS	EZT2090S	EZT2090F	GWPBQ2090PR
400	60	PRL2X3400X60AS ❷❷	PRL2X3400X60CS ❷❷	EZB2090RBS	EZT2090S	EZT2090F	GWPBQ2090PR
600	42	—	PRL2X3600X42C	EZB2072RBS	EZT2072S	EZT2072F	GWPBQ2072PR
600	42	—	PRL2X3600X42CL	EZB2090RBS	EZT2090S	EZT2090F	GWPBQ2090PR
600	42	—	PRL2X3600X42CD ❸	EZB2090RBS	EZT2090S	EZT2090F	GWPBQ2090PR

❶ Use **28** for 28" wide boxes (i.e., EZB**28**42RBS).

❷ Use **EZTV** for vented trims (i.e., **EZTV**2048S) and use **28** for 28" wide trims for EZT/EZTV (i.e., EZT**28**48S).

❸ S = Short—no TFL or SFB provisions.

❹ 400 A interior sized for 750 kcmil.

❺ PRL2X 120/208 at 65 k.

❻ 400 A and 600 A density rated bus interiors.

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

Branch breakers

Summary of branch breakers available

Breaker	No. of poles	Ampere rating	Voltage	kAIC rating	Example	Panelboard type
BAB ①②③	1	15–70	120	10	BAB1020	PRL1X
	2	15–100	120/240	10	BAB2020	PRL1X
	2	15–100	240	10	BAB2040H	PRL1X
	3	15–100	240	10	BAB3030H	PRL1X
QBAF	1	15–20	120	10	QBAF1020	PRL1X
QB-AFGF	1	15–20	120	10	QB1015AFGF	PRL1X
QB-CAF	1	15–20	120	22	QB1020CAF	PRL1X
QBH-CAF	1	15–20	120	22	QBH1020CAF	PRL1X
QB-GF	1	15–30	120	10	QB1020GF	PRL1X
QBGFT	1	40	120	10	QBGFT1040	PRL1X
	2	15–50	120/240	10	QBGFT2040	PRL1X
QBHGFT	1	20–30	120	22	QBHGFT1020	PRL1X
	2	15–30	120/240	22	QBHGFT2020	PRL1X
QB-EP	1	15–30	120/240	10	QB1020EP	PRL1X
QBGFEF	1	40	120/240	10	QBGFEF1040	PRL1X
	2	15–50	120/240	10	QBGFEF2020	PRL1X
QBH-EP	1	15–30	120	22	QBH1020EP	PRL1X
QBHGFEF	1	25–30	120/240	22	QBHGFEF1020	PRL1X
	2	15–30	120/240	22	QBHGFEF2020	PRL1X
QBHW ①③	1	15–70	120	22	QBHW1020	PRL1X
	2	15–100	120/240	22	QBHW2020	PRL1X
	2	15–100	240	22	QBHW2040H	PRL1X
	3	15–100	240	22	QBHW3030H	PRL1X
GHQ ①③	1	15–30	277	14	GHQ1020	PRL2X
	2	15–30	277	14	GHQ2020	PRL2X
GHB ①②③	1	15–100	277	14	GHB1020	PRL2X
	2	15–100	480Y/277	14	GHB2040	PRL2X
	3	15–100	480Y/277	14	GHB3060	PRL2X
GHBGFEF	1	15–60	480Y/277	14	GHBGFEF1015	PRL2X
HGHB	1	15–30	277	14	HGHB1020	PRL2X

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

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

③ BAB, QBHW, GHQ, GHB—padlockable and non-padlockable lockoff device available; order separately.

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

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
	1 or 3	(1) 500–750 kcmil	LUGKIT750 ❶
600	1 or 3	(2) #4–500 kcmil (Cu/Al)	LUGKIT600

❶ Applicable with 400 A "B" interior (i.e., PRL1X3400B42C), 400 A "42" ckt interiors (i.e., PRL2X3400X42AD) and 400 A "60" ckt interiors (i.e., PRL1X3400X60CS).

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 ❶ SFBCVR225ABOT ❶
600	225	SFBCVR225BTOP ❷ SFBCVR225BBOT ❷
600	400	SFBCVR400ATOP ❸ SFBCVR400ABOT ❸

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

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

Kits—Surge/RSPF horizontally mounted

Bus connected; mounts same as a 225 A maximum sub-feed breaker

Description	Phase	Voltage	Catalog number
Pow-R-Xpress RSPF2403SA2A	3	240	SKRSPF3240
Pow-R-Xpress RSPF4803SA2A	3	480	SKRSPF3480

Kits—ground, series rating, service entrance, 200% neutral

Ampere rating	Service phase	Panelboard type	Catalog number
Insulated/isolated or copper ground or series rating (carton quantity of 5)			
—	1 or 3	PRL1X or PRL2X	ISOGROUND
—	1 or 3	PRL1X or PRL2X	ISOGROUND CU
—	1 or 3	PRL1X or PRL2X	CUGROUND
—	1 or 3	PRL1X or PRL2X	SRK
Service entrance MCB (SE kits to be used with MCB)			
100	1 or 3	PRL1X only	SEKB ❶
100	1 or 3	PRL2X only	SEKG ❷❸
225	1 or 3	PRL1X or PRL2X	SEPD2 ❹❺
400/600	1 or 3	PRL1X or PRL2X	SEPD3 ❹❺
200% neutral			
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

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

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

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

❹ To be used with PD2-frame main breaker.

❺ To be used with PD3-frame main breaker.

Convertible main/sub-feed circuit breaker kits, three-pole—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.

Note: Kits include circuit breaker, line terminals, cover and load bus connectors.

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
	225	35	PDG23G0225B2NL	(1) #4–4/0	BKG2G225DT⁷
	225	35	PDG23G0225B2NL	(1) #4–4/0	BKG2G225DB⁷
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
	225	65	PDG23M0225B2NL	(1) #4–4/0	BKG2M225DT⁷
	225	65	PDG23M0225B2NL	(1) #4–4/0	BKG2M225DB⁷
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

Notes:

1. Add **B** to the end of any catalog number for a vertical bottom breaker kit.
2. Add **H** for three-phase and **H1** for single-phase to the end of the catalog number for horizontal mounted main—225 A maximum ampere rating only.
3. PD2 and PD3 (130ACDC) and auxiliary (1NO/1NC) switch available where applicable (vertical and horizontal); order separately.
4. PD2 and PD3, padlockable and non-padlockable lockoff device available; order separately.
5. Order optional lug kit catalog number **3TA225FDK** for 175 A to 225 A PDG2.
6. Order optional lug kit catalog number **PDG3X3TA402** for 400 A PD3–400 A frame, three-pole circuit breakers, to provide terminations for (1) 500–750 kcmil.
7. **DT** = dual sub-feed top.
DB = dual sub-feed bottom.
Dual sub-feed breakers with PXR10 electronic trip units only available for 35 k (240 V) and 65 k (480 V). These items are NOT field convertible: **BKG2G225DT**, **BKG2G225DB**, **BKG2M225DT** and **BKG2M225DB**.

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NOTES

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