

Stocked panelboards

Questions to ask

- Voltage/phasing—single- or three-phase
- Amperage and bus type—aluminum or copper
- Number of circuits
- Main lug only—main breaker (service entrance)
- Enclosure type—NEMA® 1 or NEMA 3
- Trim type—surface or flush
- Sprinkler-proof or non sprinkler-proof
- Cable entry—top or bottom

Note: Please refer to the Panelboard Catalogue, Section 4.



PRL1a 120/208 V, 3-phase 4-wire, MLO 100–225–400 A aluminum

Ampere rating	Branch circuits	Box NEMA 1	Interior	Trim	Box NEMA 3R
100	24	EZB2030RC	P1AL4A124I	EZT2030S or F	LWPO2036
225	24	EZB2036RC	P1AL4A224I	EZT2036S or F	LWPO2036
	30	EZB2036RC	P1AL4A230I	EZT2036S or F	LWPO2036
	42	EZB2042RC	P1AL4A242I	EZT2042S or F	LWPO2042
	60	EZB2054RC	P1AL4A260I	EZT2054S or F	LWPO2060
	72	EZB2060RC	P1AL4A272I	EZT2060S or F	LWPO2060
	84	EZB2072RC	P1AL4A284I	EZT2072S or F	LWPO2072
400	42	EZB2054RC	P1AL4A442I	EZT2054S or F	LWPO2060
	60	EZB2060RC	P1AL4A460I	EZT2060S or F	LWPO2060
	72	EZB2072RC	P1AL4A472I	EZT2072S or F	LWPO2072
	84	EZB2072RC	P1AL4A484I	EZT2072S or F	LWPO2072

PRL1a 120/208 V, 3-phase 4-wire, MLO 100/225 A silver-plated copper

Ampere rating	Branch circuits	Box NEMA 1	Interior	Trim	Box NEMA 3R
100	42	EZB2042	P1AL4C142I	EZT2036S or F	LWPO2036
225	24	EZB2036RC	P1AL4C224I	EZT2036S or F	LWPO2036
	42	EZB2042RC	P1AL4C242I	EZT2042S or F	LWPO2042

PRL1a 120/208 V, 3-phase 4-wire, main breaker 225 A Frame 200 AT aluminum

Ampere rating	Branch circuits	Box NEMA 1	Interior	Trim	Box NEMA 3R
225	42	EZB2048RC	P1AT4A242ED200I	EZT2048S or F	LWPO2048

PRL1a 120/240 V, single-phase 3-wire, MLO 100–225 A aluminum

Ampere rating	Branch circuits	Box NEMA 1	Interior	Trim	Box NEMA 3R
100	24	EZB2030RC	P1AL1A124I	EZT2030S or F	LWPO2036
225	24	EZB2036RC	P1AL1A224I	EZT2036S or F	LWPO2036
	42	EZB2042RC	P1AL1A242I	EZT2042S or F	LWPO2042

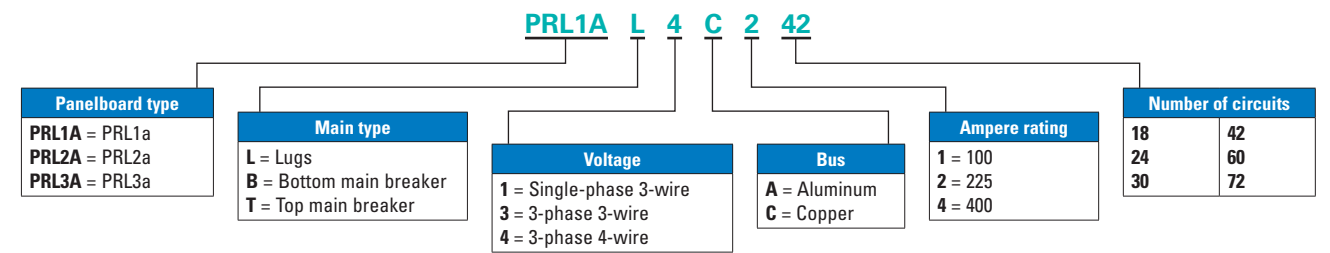
PRL2a 347/600 V, 3-phase 4-wire, MLO 100–225 A aluminum

Ampere rating	Branch circuits	Box NEMA 1	Interior	Trim	Box NEMA 3R
100	24	EZB2030RC	P2AL4A124I	EZT2030S or F	LWPO2036
225	24	EZB2036RC	P2AL4A224I	EZT2036S or F	LWPO2036
	42	EZB2042RC	P2AL4A242I	EZT2042S or F	LWPO2042

PRL3a 347/600 V, grounded wye system, MLO 250 A aluminum

Ampere rating	Available X space	Box NEMA 1	Interior	Trim	Box NEMA 3R
250	13X	EZB2048RC	P3AL4A223I35	EZT2048S or F	LWPO2048
	21X	EZB2060RC	P3AL4A231I35	EZT2060S or F	LWPO2060
	30X	EZB2072RC	P3AL4A240I35	EZT2072S or F	LWPO2072
400	21X	EZB2060RC	P3AL4A431I75	EZT2060S or F	LWPO2060
	30X	EZB2072RC	P3AL4A440I75	EZT2072S or F	LWPO2072
	43X	EZB2090RC	P3AL4A453I75	EZT2090S or F	LWPO2090

Part number selection breakdown



PRL1a—Breakers

Ampere rating	Type	Rating
10–100	BAB	10 kA
125	BAB	10 kA (2-pole only)
15–30	DNBA	10 kA twin
15–50	QBGF	5 mA GFI
	QBGFEP	30 mA GFI
15–20	QBCAF	Arc fault
	QBAF	Arc fault
	BABF	Fire alarm rated breaker
15–100	QBHW	22 kA
125	QBHW	22 kA (2-pole only)
15–30	QBHGF	22 kA, 5 mA GFI
	QBHGFEP	22 kA, 30 mA GFI

PRL1a—Accessories

Description	Part number
Mounting screws for BAB and GBH breakers (pkg 100)	BRKSREW
Padlock device for QBGF breakers (pkg 10)	BRDL1-10
Lockdog for BAB/QBHW 2- and 3-pole	QL23NPL
Lockdog for BAB/QBHW single-pole	QL1NPL
Padlock device for single-, 2- and 3-pole BAB/QBHW	QL123PL
Padlock device for single-pole BAB/QBHW	QL1PL
42 cct neutral adder kit used with DNBA breakers	PL12NAK42

PRL2a—Breakers

Ampere rating	Type	Rating
15–100	GHB	65 kA at 240 (not rated for 347/600 V)
	GBH	10 kA at 600/347 V

PRL2a—Accessories

Description	Part number
Mounting screws for BAB and GBH breakers (pkg 100)	BRKSREW
Lockdog single-, 2- and 3-pole	GBNP123P
Padlock device (pkg 10)	GPLK

PRL3a—Breakers

Ampere rating	Type	Rating
15–225	FDB	14 kA at 347/600 V
	FD	18 kA at 347/600 V
	HFD	25 kA at 347/600 V
	FDC	35 kA at 347/600 V

Common accessories for PRL1a/PRL2a panelboards

Description	Part number
PRL1a/2a door lock c/w key PRE EZ Trim	PL123DRLK
EZ Trim lock on door frame c/w key	EZLOCK
EZ Trim lock on door 30–60 cct c/w key	EZLOCKR3060
EZ Trim lock on door 72–90 cct c/w key	EZLOCKR7290
Key only	WEM2
EZ Box sprinkler-proof kit	EZBSPKIT
BAB/GBH filler	BRFP
PRL3a filler for F-frame	PL3AFILL
PRL1a/2a ground assembly kit EZ panels	PL12GK
Insulated ground kit—24 cct	PL12IGK24
Insulated ground kit—42 cct	PL12IGK42
Neutral adder kit—24 cct	PL12NAK24
Neutral adder kit—42 cct	PL12NAK42
PRL1a/2a 100 A subfeed lug kit	PLA12SF100
PRL1a/2a 200 A subfeed lug kit	PLA12SF225
1–42 cct directory card (pkg 50)	DIRCARD42
43–84 cct directory card (pkg 50)	DIRCARD84
Plastic directory card holder (pkg 25)	DIRSLEEVE
PRL1a/2a 1–42 number strip (pkg 5)	PRL12ANUM42
PRL1a/2a 43–84 number strip (pkg 5)	PRL12ANUM84
PRL3a 1–42 number strip (pkg 5)	PRL3ANUM42
PRL3a 43–84 number strip (pkg 5)	PRL3ANUM84

Panelboard connector kits (1990 to present)

Application note

CAUTION: Old panelboards may not be able to handle the interrupting means of Series C® breakers. Only use a breaker for which a connector exists for that panelboard. Any applications that cannot be satisfied by the listed connector kits should be referred to Eaton.

USE OF A BREAKER IN A PANELBOARD FOR WHICH THEY ARE NOT INTENDED FOR COULD RESULT IN SERIOUS DAMAGE AND/OR PERSONAL INJURY.

Pow-R-Line 3 / Commander CHB2 (1991 to July 1994) / NFB / NFD

Description	Catalogue number
Aluminum—superseded—use CK3C for Al or Cu	CK3A
Aluminum and copper F-frame 3-pole 150 A max.	CK3C

Pow-R-Line 3a (July 1994 to present)

Description	Catalogue number
For 6 circuits of BAB/QBHW/GFCBB breakers (3X)	KPRL3ABA06
For 12 circuits of BAB/QBHW/GFCBB breakers (5X)	KPRL3ABA12
For 18 circuits of BAB/QBHW/GFCBB breakers (8X)	KPRL3ABA18
For 24 circuits of BAB/QBHW/GFCBB breakers (10X)	KPRL3ABA24
For 6 circuits of GB/GBH breakers (3X)	KPRL3AGB06
For 12 circuits of GB/GBH breakers (5X)	KPRL3AGB12
For 18 circuits of GB/GBH breakers (8X)	KPRL3AGB18
For 24 circuits of GB/GBH breakers (10X)	KPRL3AGB24
For 2 Series C F-frame single-, 2- and 3-pole (3X) max. sum breaker 400 A	KPRL3AFD3
F-frame 3-pole single mount—over 150 A	KPRL3AFDS

Pow-R-Line 3 blank filler plates

Description	Catalogue number
1X blank cover for PRL3a chassis	P3X1
2X blank cover for PRL3a chassis	P3X2
3X blank cover for PRL3a chassis	P3X3

Pow-R-Line 4 blank filler plates

Description	Catalogue number
1X blank cover for 24" W box (1-3/8" x 17")	P41X17
2X blank cover for 24" W box (2-3/4" x 17")	P42X17
3X blank cover for 24" W box (4-1/8" x 17")	P43X17
4X blank cover for 24" W box (5-1/2" x 17")	P44X17
1X blank cover for 38" or 44" W box (1-3/8" x 25")	P41X25
2X blank cover for 38" or 44" W box (2-3/4" x 25")	P42X25
3X blank cover for 38" or 44" W box (4-1/8" x 25")	P43X25
4X blank cover for 38" or 44" W box (5-1/2" x 25")	P44X25

Pow-R-Line 4 / Commander CDP2—copper or aluminum (late 1990 to present)

Description	Catalogue number
Series C F-frame 4 x 1-pole or 2 x 2-pole 450 A max. total (2X)	KPRL4FD2
For 2 Series C F-frame 3-pole 450 A max. total (3X)	KPRL4FD3
FD+LFD breaker 3-pole 150 A max.	KPRL4LFD3
For Series C F-frame 3-pole, wider cutout (3X)	KPRL4FD3W
FB TRI-PAC® breaker 3-pole 100 A max.	KPRL4FBP
JD single—250 A max. (3X)	KPRL4JDS
JD twin—250 A max. (3X)	KPRL4JDT
KD/HKD/KDC single—400 A max. (4X)	KPRL4KDS
HKD/KDC twin—400 A max. (4X) (use with new KDC 65 kA at 600 V—replaced KPRL4KDT)	KPRL4KDCT
CKD single—400 A max. (4X)	KPRL4CKDS
LCL breaker 3-pole 400 A max.	KPRL4LCL
LA TRI-PAC breaker 3-pole 400 A max.	KPRL4LAP
LA/HLA/LC/HLC/LD/HLD/LDC/CLD breaker 3-pole 600 A max.	KPRL4LD
For Series G L-frame 3-pole	KPRL4LG
MA/HMA/MC/HMC breaker 3-pole 800 A max.	KPRL4MA
MDL/HMDL breaker 3-pole 800 A max.	KPRL4MDL
NB TRI-PAC breaker 3-pole 800 A max.	KPRL4NBP
NB/HNB/ND/HND/NDC/NG breaker 3-pole 1200 A max.	KPRL4ND
CND/NG breaker 3-pole 1200 A max.	KPRL4CND

Application notes

- JD and KD single connector kits fit in 24- and 30-inch wide panels.
- JD and KD twin connector kits fit in 38-, 44- and 48-inch wide panels.

Note: Twin-mounted KDCs for use at 65 kA at 600 V must use KPRL4KDCT twin connector kits. Do not use KPRL4KDT.

Replacement fusible switches

Fusible switch	Catalogue number	Style number	Connector kit catalogue number
Twin 30 A / 30 A switch c/w 600 V "J" fuse clips (4X)	FDPWT3611J	1240C05G84	KPRL4W4XT
Twin 30 A / 60 A switch c/w 600 V "J" fuse clips (4X)	FDPWT3612J	1240C05G85	KPRL4W4XT
Twin 60 A / 60 A switch c/w 600 V "J" fuse clips (4X)	FDPWT3622J	1240C05G86	KPRL4W4XT
Twin 100 A / 100 A switch c/w 600 V "J" fuse clips (5X)	FDPWT3633J	1240C06G83	KPRL4W5XT
Single 200 A switch c/w 600 V "J" fuse clips (6X)	FDPBS364J	7828C97G13	KPRL4B6XS
Twin 200 A / 200 A switch c/w 600 V "J" fuse clips (6X)	FDPBT3644J	7828C98G12	KPRL4B6XT
Single 400 A switch c/w 600 V "J" fuse clips (9X)	FDPW365J	7830C03G43	KPRL4W9X
Single 600 A switch c/w 600 V "J" fuse clips (11X)	FDPW 366J	7830C09G43	KPRL4W11X
Single 800 A switch c/w 600 V "L" fuse clips (11X)	FDPW367	7830C10G41	KPRL4W11X
Single 1200 A switch c/w 600 V "L" fuse clips (15X)	FDPW368	7830C08G41	KPRL4W15X

Replacement fusible metered switches

Metered switch FSMC	Catalogue number	Style number	Connector kit catalogue number
Twin 30 A / 30 A metered switch c/w 600 V "J" fuse clips (7X)	FSMC3030	1C01078G01	KPRL4W4XT
Twin 60 A / 60 A metered switch c/w 600 V "J" fuse clips (7X)	FSMC6060	1C01079G01	KPRL4W4XT
Twin 100 A / 100 A metered switch c/w 600 V "J" fuse clips (7X)	FSMC100100	1C01080G01	KPRL4W5XT
200 A FSMCB metered switch c/w 600 V "J" fuse clips (7X)	FSMCB200	1C01081G02	KPRL4B6XS

Replacement connector kits

Fusible switch connectors for Pow-R-Line 4 panels (Sept. 1995 to present) (switch type FDP, CFDP or FSMC)	Connector kit catalogue number
Connector kit for twin 30 A / 30 A switch—Al or Cu panel bus	KPRL4W4XT
Connector kit for twin 60 A / 60 A switch—Al or Cu panel bus	KPRL4W4XT
Connector kit for twin 100 A / 100 A switch—Al or Cu panel bus	KPRL4W5XT
Connector kit for single 200 A switch—Al or Cu panel bus (use with new FDPB only)	KPRL4B6XS
Connector kit for twin 200 A / 200 A switch—Al or Cu panel bus (use with new FDPB only)	KPRL4B6XT
Connector kit for single 400 A switch—Al or Cu panel bus	KPRL4W9X
Connector kit for single 600 A / 800 A switch—Al or Cu panel bus	KPRL4W11X
Connector kit for single 1200 A switch—Al or Cu panel bus	KPRL4W15X

Obsolete parts

Description	Catalogue number	Style number	Connector kit catalogue number
Pow-R-Line 4 / Commander CDP2 for 2 CA/CAH breakers	KPRL4CA	—	—
Single 200 A switch c/w 600 V "J" fuse clips (6X)	FDPWS364J	2611D08G12	KPRL4W6XS
Twin 200 A / 200 A switch c/w 600 V "J" fuse clips (6X)	FDPWT3644J	7830C68G02	KPRL4W6XT
200 A metered switch c/w 600 V "J" fuse clips (7X)	FSMC200	1C01081G01	KPRL4W6XS
Connector kit for single 200 A switch—Al or Cu panel bus	—	—	KPRL4W6XS
Connector kit for twin 200 A / 200 A switch—Al or Cu panel bus	—	—	KPRL4W6XT

Note: Twin 200 A / 200 A switch for use on current Pow-R-Line 4 panels only. For other fuse clip provisions, refer to Eaton.

For complete kit, order fusible switch and connectors for the associated panelboard.

