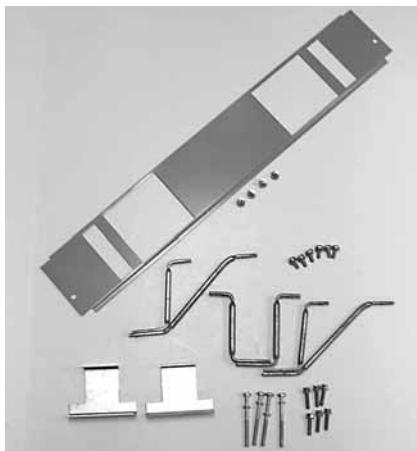## PRL4 Breaker Connector Kits

Breaker Connector Kits

Each kit includes copper connectors, mounting brackets, covers, hardware and instructions for mounting breaker(s) in a PRL4. **Breakers are not included.** Contact your local Satellite plant for availability and application information (see **Page 4**).

Connector Kit

Each kit includes copper connectors mounting brackets, cover, hardware and instructions.

Connector Kit

Table 32. Breaker Connector Kits

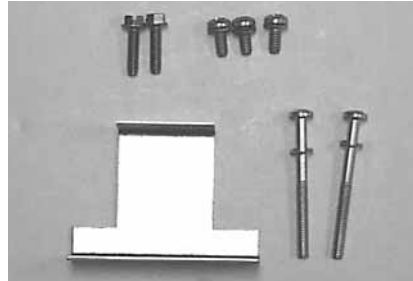| Breaker Frame	Space Required		Poles	Mounting Type	Connector Kit Catalog Number
	Inches (mm)	"X"			
EHD, FD, HFD	2.75 (69.9)	2X	1 [1]	Twin	**KPRL4FD1**
EHD, FD, FDB, HFD, FDC			2	Twin	**KPRL4FD2**
ED, EDH, EDC			2	Twin	**KPRL4ED2**
EHD, FD, FDB, HFD, FDC	4.13 (104.9)	3X	3	Twin	**KPRL4FD**
FCL, FB-P, FD/LFD			3	Twin	**KPRL4FBP**
ED, EDH, EDC			3	Twin	**KPRL4ED**
JD, JDB, HJD, JDC			2, 3	Single	**KPRL4JDS**
JD, JDB, HJD, JDC			2,3	Twin	**KPRL4JDT** [2]
DK, KD, KDB, HKD, KDC	5.50 (139.7)	4X	2, 3	Single	**KPRL4KDS**
DK, KD, KDB, HKD, KDC			2,3	Twin	**KPRL4KDT** [3]
CKD, CHKD			2,3	Single	**KPRL4CKD** [4]
LCL	8.25 (209.5)	6X	2, 3	Single	**KPRL4LCL** [2]
LA-P			2, 3	Single	**KPRL4LAP** [2]
LD, LDB, HLD, LDC, CLD, LC			2, 3	Single	**KPRL4LD** [2]
MDL, HMDL			2, 3	Single	**KPRL4MC** [2]
NB-P			2, 3	Single	**KPRL4NBP** [3]
CND, CHND			3	Single	**KPRL4CND** [3][4]
ND, HND			2, 3	Single	**KPRL4ND** [2]

[1] Two sets of twin mounted 1-pole breakers.
[2] 36.00-inch (914.4 mm) minimum box width required.
[3] 44.00-inch (1117.6 mm) box width required.
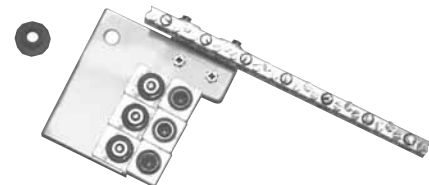[4] Requires density rated bus in existing panel chassis.

Hardware Kit

Each kit includes mounting bracket(s) and mounting hardware only. Use the appropriate Connector Kit catalog number and add an "H" to designate hardware only (example: KPRL4FD-H).

Hardware Kit

Standard Ground Bus

Copper bus with (3) 6 – 300 kcmil lugs plus a 24-circuit terminal bar with #14 – 1/0 wire range.

6572C746G01

PRL4 Breaker and Fusible Switch Retrofit Kits

Breaker Retrofit Kits

Each kit includes **one** breaker, copper connectors, covers, hardware and instructions to mount in a PRL4.
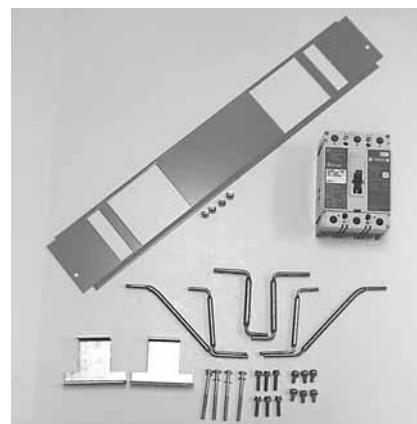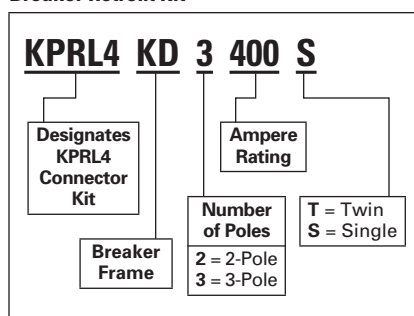
Table 34. Breaker Retrofit Kits

Breaker Frame	Frame Ampere Rating	Trip Range	Mounting Type
EHD	100	15 – 100	Twin
FDB		15 – 100	Twin
FD		15 – 100	Twin
HFD		15 – 100	Twin
FDC		15 – 100	Twin
FCL		15 – 100	Twin
FB-P		15 – 100	Twin
FDB	150	110 – 150	Twin
FD	225	110 – 225	Twin
HFD		110 – 225	Twin
FDC		110 – 225	Twin
ED		100 – 225	Twin
EDH		100 – 225	Twin
EDC		100 – 225	Twin
JD	250	70 – 250	Twin/Single
HJD		70 – 250	Twin/Single
JDC		70 – 250	Twin/Single
DK	400	100 – 400	Twin/Single
KD		100 – 400	Twin/Single
HKD		100 – 400	Twin/Single
KDC		100 – 400	Twin/Single
CKD		100 – 400	Single
LCL		125 – 400	Single
LA-P		70 – 400	Single
LD	600	300 – 600	Single
CLD		300 – 600	Single
HLD		300 – 600	Single
CHLD		300 – 600	Single
LDC		300 – 600	Single
CLDC		300 – 600	Single
MDL	800	300 – 800	Single
CMDL		300 – 800	Single
HMDL		300 – 800	Single
CHMDL		300 – 800	Single
ND	1200	600 – 1200	Single
CND		600 – 1200	Single
HND		600 – 1200	Single
CHND		600 – 1200	Single
NDC		600 – 1200	Single
CNDC		600 – 1200	Single

How to Order a Breaker Retrofit Kit by Catalog Number

Use "KPRL4" prefix and add catalog number of breaker as shown below. Use suffix "T" or "S" to denote twin or single mounting. Twin mounting indicates that one set of connectors is required to mount two breakers (of similar frames) opposite one another. RETROFIT KIT INCLUDES ONE BREAKER ONLY, FOR EITHER SINGLE OR TWIN MOUNTED APPLICATIONS.

Table 35. Catalog Numbering System — Breaker Retrofit Kit

KPRL4 KD 3 400 S

- Designates KPRL4 Connector Kit
- Breaker Frame
- Number of Poles
  - **2** = 2-Pole
  - **3** = 3-Pole
- Ampere Rating
- **T** = Twin
- **S** = Single

Breaker Retrofit Kit

Fusible Retrofit Kits

Each kit includes a 3-pole switch, copper connectors, extension wings (if required), hardware and instructions to horizontally mount in a PRL4.

How to Order a Fusible Retrofit Kit by Catalog Number

Use "KPRL4" prefix and add catalog number of appropriate switch (refer to **Page 29** for 3-pole switch catalog number).

Example: The Retrofit Kit catalog number for a 600 volt, 100 ampere twin FDPW switch is:

Table 36. Fusible Retrofit Kits

Switch Ampere Rating	Switch Type	Mounting Type
30 – 30	FDPW	Twin
60 – 60	FDPW	Twin
100 – 100	FDPW	Twin
100	FDPW	Single
200	FDPB	Single
200 – 200	FDPB	Twin
400	FDPW	Single
600	FDPW	Single
800	FDPW	Single
1200	FDPW	Single

Table 37. Catalog Numbering System — Fusible Retrofit Kit

KPRL4 FDPW T 3 6 33 R

- Designates PRL4 Connector
- Switch Type
  - FDPW
  - FDPB
- **T** = Twin
- **S** = Single
- **3** = 3-Pole
- Volts
  - **2** = 240
  - **6** = 600
- **11** = 30 – 30
- **22** = 60 – 60
- **33** = 100 – 100
- **44** = 200 – 200
- **4** = 200
- **5** = 400
- **6** = 600
- **7** = 800
- **8** = 1200
- **R** = R Fuse
- **J** = J Fuse
- **T** = T Fuse