

INSTRUCTION SHEET



KEPCO An ISO 9001 Company.

**BUS BAR
KIT
219-0429**

BUS BAR LINKS KIT NO. 219-0429

DESCRIPTION. Adjacent positions of the RA 59 rack adapter can be reconfigured for parallel/redundant operation by installing optional bus bar links as shown in Figure 1. The kit consists of two bus bar links and the associated attaching hardware (see Figure 1) used to connect the (+) and (-) terminals of an adjacent pair of power supplies.

NOTE: To connect all four power supplies of the RA 59 rack adapter for parallel/redundant operation, three bus bar link kits, P/N 219-0429, are required.

PROCEDURE.

WARNING

**BE SURE ALL POWER IS DISCONNECTED FROM
RACK ADAPTER BEFORE DISASSEMBLY.**

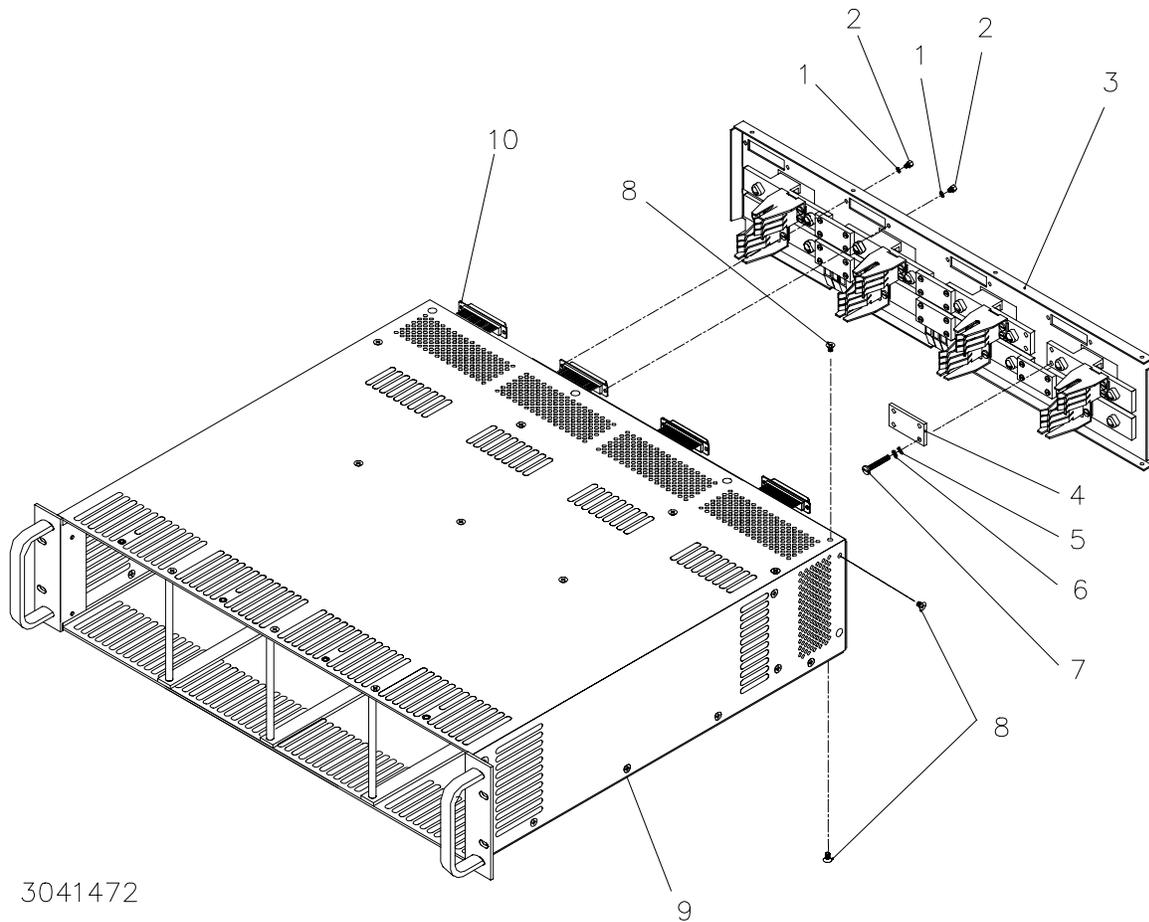
1. Remove eight screws (2, Figure 1) and eight lockwashers (1) securing the four I/O connector assemblies (10) to the chassis (9).
2. Remove 12 screws (8) from the top, bottom, and sides of chassis (9). Carefully separate backplate assembly (3) from chassis (9) and swing down (with wires attached) to expose bus bar links (4).
3. To install a bus bar link (4), use four screws (7), lockwashers (6), and flat washers (5) to attach bus bar link (4) to backplate assembly (3).
4. To remove a bus bar link (4), remove four screws (7), lockwashers (6), and flat washers (5) securing bus bar link (4) to backplate assembly (3).
5. Assemble backplate assembly (3) to chassis (9) (taking care that wires are not crimped) using eight screws (2) and lockwashers (1).
6. Secure backplate assembly (3) to chassis (9) using 12 screws (8)

KEY TO Figure 1:

1. Lockwasher, Internal tooth, #4 - P/N 103-0014 (2 per I/O connector)
2. Screw (2 per I/O connector - part of Jackpost Kit P/N 108-0203)
3. Backplate Assembly
4. ** Bus Bar Link - P/N 172-0513 (2)
5. ** Flat washer, #6 - P/N 103-0100 (4 per bus bar link)
6. ** Lockwasher, Split, #6 - P/N 103-0066 (4 per bus bar link)
7. ** Screw, 6-32 x 1/2" PHPH, self-forming, P/N101-0457 (4 per bus bar link)
8. Screw, 6-32 x 5/16" FHPO - P/N 101-0408 (12)
9. Chassis
10. I/O Connector Assembly

** Items included in Kit, P/N 219-0429.

NOTE: Quantities are indicated in parentheses.



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FIGURE 1. BUS BAR LINK REMOVAL/INSTALLATION