

INSTRUCTION MANUAL



KEPCO An ISO 9001 Company.

**KIT
219-0607**

PARALLEL CONNECTION KIT FOR TWO BOP LINEAR POWER SUPPLIES (100W, 200W, 400W)

1. DESCRIPTION.

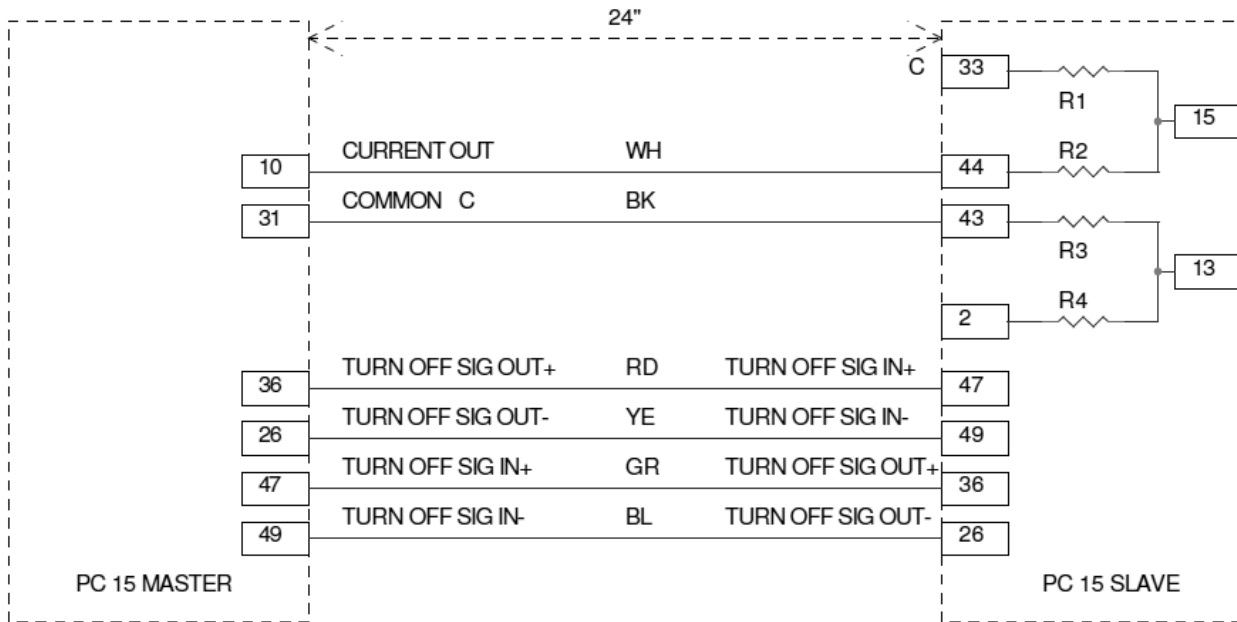
This KIT allows two identical BOP units that have been previously connected in parallel to operate in master/slave configuration. The unit designated Master is used for local control of the master/slave pair. The use of this KIT also ensures that if the circuit breaker of one BOP trips, the other unit in parallel trips as well.

The cable supplied has two rear programming connectors. These connectors have been marked MASTER and SLAVE to indicate which one is connected to the master and which one for the slave. They are PC 15 connectors that have been modified as follows:

- The connection between pin 26 and pin 36 is interrupted on the PC 15 for both the MASTER and SLAVE.
- The connection between pin 4 and pin 13 and between pin 15 and 27 is interrupted on the SLAVE PC 15.
- The MASTER and SLAVE PC 15 connectors are wired as shown in Figure 1.

2. INSTALLATION

1. Connect two BOP's units in parallel as shown in Figure 3-27A of the BOP Operator's manual. This figure is found on page 4 of the correction sheets at the front of the manual. The manual can be downloaded from the Kepco web site at:
www.kepcopower.com/support/opmanls.htm#bop
2. Set the master and slave BOP's as specified in the notes of Figure 3-27A of the BOP Operator's Manual
3. Connect the PC 15 labeled MASTER to the rear programming connector of the master BOP.
4. Connect the PC 15 labeled SLAVE to the rear programming connector of the slave BOP.



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NOTE: R1 thru R4: 20K, 1%, 1/8 W (Kepco P/N 115-2884)

FIGURE 1. PARALLEL CONNECTION CABLE FOR LOCAL CONTROL OF MASTER/SLAVE PAIR