

INSTRUCTION SHEET



KEPCO An ISO 9001 Company.

**KIT
219-0634**

CABLE ASSEMBLY KIT FOR TWO BOP-H POWER SUPPLIES IN PARALLEL

1. DESCRIPTION

This kit provides three cable assemblies and two terminations which are used to establish control of two Kepco BOP-H Series power supplies in a parallel configuration.

2. MATERIAL SUPPLIED (SEE TABLE 1.)

Table 1 lists the contents of this kit and a description of each component.

TABLE 1. MATERIAL SUPPLIED

| ITEM | DESCRIPTION | KEPCO PART NO. | QUANTITY |
|----------------------|--|----------------|----------|
| Cable Assembly | Master/Slave Control cable assembly | 118-1400 | 1 |
| Cable Assembly | Common power cable assembly, #8 AWG, 12 in. long, black | 118-1412 | 1 |
| Cable Assembly | Output power cable assembly, #8 AWG, 12 in. long, red | 118-1413 | 1 |
| Termination Assembly | MASTER IN termination assembly | 195-0123 | 1 |
| Termination Assembly | SLAVE OUT termination assembly (LAST SLAVE OUT, if used for more than 2-units) | 195-0124 | 1 |
| Instruction Sheet | Contains instructions for installing KIT 219-0634 components | 228-1925 | 1 |

3. CABLE ASSEMBLY INSTALLATION

The following procedure is for a configuration of two BOP-H power supplies in parallel.

1. At the BOP-H power supply configured as the master, connect the termination assembly (P/N 195-0123) labeled MASTER IN to the 15-pin DB connector at the rear panel labeled MASTER IN.
2. Connect the master/slave control cable assembly (P/N 118-1400) between BOP-H power supply configured as master at MASTER OUT connector and BOP-H power supply configured as slave at SLAVE IN connector.
3. At the BOP-H power supply configured as the slave, connect the termination assembly (P/N 195-0124) labeled SLAVE OUT to the 15-pin DB connector at the rear panel labeled SLAVE OUT.
4. Connect one end of red output power cable assembly (P/N 118-1413) to OUTPUT terminal of BOP-H power supply configured as the master, then connect other end to OUTPUT terminal of slave.
5. Connect one end of black common power cable assembly (P/N 118-1412) to COMMON terminal of the BOP-H power supply configured as the master, then connect the other end to COMMON terminal of slave.
6. Refer to the BOP-H Operator's Manual for further details regarding configuring and controlling two BOP-H power supplies in parallel.