

JUMP START Instructions

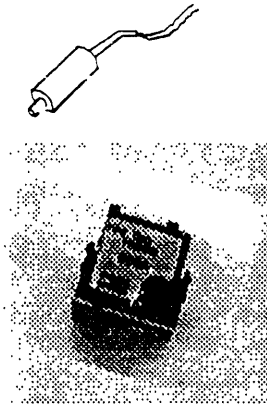
MicroVersaTrip® Plus™
and
MicroVersaTrip® PM™
Trip Units

for
on

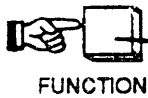
AKR Low Voltage Power Circuit Breaker
PowerBreak® Insulated Case Circuit Breakers,
Spectra RMS™ Molded Case Circuit Breakers,
R-Frame Molded Case Circuit Breakers

Setting of overcurrent protective functions (long time, short time, instantaneous and ground fault) and protective relay functions can be accomplished only via the trip unit keypad.

1. Power up trip unit using any one of these means:



- Use energized MicroVersaTrip® Digital Test Kit, Cat. No. TVRMS. Insert test kit jack into breaker rating plug to power up trip unit and display.
- Use Portable Battery Pack Cat. No. TVPBP and plug jack into the rating plug on breakertrip unit
- If the breaker has provision for 24 Vdc control power , energize power supply and connect to breaker terminals marked +24Vdc and Ground on secondary disconnects (on Type AKR or PowerBreak) in accordance with wiring diagram. **CAUTION: Polarity of terminations must be maintained or otherwise the trip unit may be damaged.**
- If breaker is energized and carrying at least 20% of current sensors' rated current (either from actual load or with high current test set). **CAUTION: Changing setpoint under load conditions may result in a breaker trip. Follow proper safety procedures.**

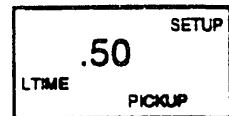


2. With LCD display energized, press **FUNCTION** key until **SET-UP** mode appears along with **LTIME** (long time) **PICK-UP** (current setting).

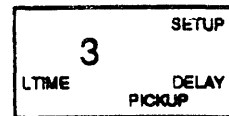


3. Select and store long time current setting (pickup) & delay values:

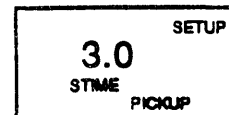
Press **VALUE** key until the desired long time current setting (pickup) set point (i.e., .50, .55,95, 1.00) appears.



Press **ENTER** key to store this value in non-volatile memory. **C** (the longtime pickup in Amps) equals the longtime current setting entered times the rating plug amps (**X**). Short time pickup is expressed in multiples of **C**.

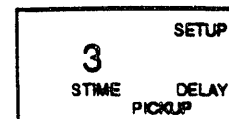


Press **SELECT** key to move **SET-UP** mode to **LTIME** (long time delay). Press **VALUE** key for desired delay band (1, 2, 3 or 4).

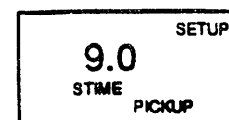


Press **ENTER** to store desired value.

4. Continue through the setup mode by pressing **SELECT** key, then **VALUE** key, then **ENTER** key to program remaining protective functions which appear on LCD (i.e., *short-time pickup* and *delay*, *inst pickup*, *GF pickup* and *delay*, and relay functions as applicable).



5. Press **FUNCTION** key to return to **STATUS** mode. LCD should display **STATUS NORMAL**.



6. For complete instructions refer to GEH-5891 and GEH 5934 included with the circuit breaker or equipment instruction book package.