1. Jumper must be added on each downstream breaker where time delay as pre-set is required.

2. Twist together and run separate from power cables #14 or #16 copper wire is required per UL-1053. Length of run is not critical.

3. A maximum of 20 breakers may be connected in parallel in zone 3 when employed with or without self-interlock jumper.

4. These connections are only required if additions to two different zones are made.

5. These diodes may be eliminated if separation between ground and short delay on existing digitrips is not required.

6. Special zone interlocking considerations may be required on double-ended (dual space) or multi-source distribution systems to provide desired interlocking sequences.

7. The maximum distance between the first and last zone is 250 feet (76m)

Note: Diodes should be type 1N4004 or equivalent.

Existing Digitrip

MAGNUM DIGITRIP

Diagram showing connections and interlocking sequences.

Written by: J. Cox
Date: 7/10/98
Zone Interlocking

Approved by:

Existing Digitrip to Magnum Digitrip

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