



BULLETIN B201-03053

MagneX® Protected (MP™) Pad-Mounted Transformer

The Next Generation in Transformer Protection, Safety and Operations

Description:

The MP Transformer offers many operational and safety advantages over a typical pad-mounted transformer. At its heart is the MagneX Interrupter – an innovative primary interrupting device that protects against overloads and faults. It senses both overcurrent and transformer fluid temperature, offering optimal protection.

Features:

Operational/Environmental Advantages:

- Eliminates the potential of oil dripping on elbows or contaminating the surrounding environment
- Sealed tank operation, reducing the possibility of contamination
- Emergency overload capability available, allowing 30% more loading
- Replaces Multiple accessories – On/Off switch, Secondary Breaker and Bay-O-Net
- Available with optional contact position indicator

Increased Productivity:

- Eliminates fuse replacement – no fuse links to stock or misplace
- The MagneX Interrupter can be easily reset, allowing faster service restoration after a fault

Enhanced Line Personnel Safety:

- Fault closure is not possible. The current-limiting fuse (or isolation link) operates during internal transformer faults, preventing re-energization of a faulted transformer
- Trip-free operation
- Eliminates the possibility of installing the wrong fuse
- Minimizes operator exposure when energizing or de-energizing the transformer

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Features: **Improved Reliability:**

- Directly operated, eliminating mechanical linkages.
Fewer parts than a comparable secondary breaker
- Eliminates nuisance operations of primary weak link fuses
- Extended contact life in comparison to a secondary breaker
- Fifteen years of field experience have proven the superior reliability of the MagneX Interrupter

Reduced Losses:

- Minimal transformer losses – virtually eliminates load losses normally associated with a secondary breaker

Also available on Overhead Transformers.
For further information on the MagneX Interrupter, refer to Catalog Section 240-34.

