

Description

The Transformer Rectifier Integration Module (TRIM) unit has been developed to allow remote control and monitoring of almost any type of Cathodic Protection Transformer Rectifier (TR). The features offered by the TRIM unit are available on all ElectroTechCP™ transformer rectifiers upon request. The TRIM units are custom designed, and can be incorporated as part of existing systems or as a new system provided by other TR manufacturers.

The TRIM unit is capable of full local and remote monitoring of any Cathodic Protection Transformer Rectifier type, including Tap-set, Thyristor Controlled, Variac Controlled or Switched Mode.



TRIM unit with microcontroller housed in a 19" rack assembly for inclusion within TR enclosure

Features and Benefits

- MADE IN THE USA and custom designed to meet any project requirement.
- Monitoring of individual DC outputs.
- Monitoring of any type of reference electrodes.
- Current interruption to allow instant-off reference cell readings.
- Monitoring of operational alarms e.g. for low or high current output.
- Full data logging capabilities.
- Custom designed to be incorporated into existing TR enclosure or can be provided within its own robust enclosure suitable for any environment IP/NEMA rating. Available in corrosion resistant materials, coated mild steel or stainless steel, non-metallic GRP or polycarbonate.
- Custom design for Zone 1 or Zone 2 environments.

Networking, Monitoring and Remote Control

- Can operate as a standalone unit or with multiple units incorporated into a communications network.
- Full remote control and monitoring via physical communications network or GSM connection.
- Synchronized current interruption for multiple TRs either locally via a timer or via GPS Satellite Global timing synchronization.
- Can be incorporated into existing communications networks or used as a replacement for existing systems.
- Available with ElectroTechCP™ proprietary remote software, and fully SCADA compatible.

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