ElectrotechCP™ TRIM
Transformer Rectifier Integration Module

IMPRESSED CURRENT SYSTEMS

The Transformer Rectifier Integration Module (TRIM) unit has been developed to allow the 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 at request. The TRIM units are custom designed to be incorporated as part of existing systems or a new system provided by other TR manufacturers.

The Trim 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.

The units are custom designed to meet any requirements, the full range of features available include:

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

- Made in Maryland 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 design to be incorporated in 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
- Synchronised 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

Vector products are provided with a standard limited warranty against defects for a period of 12 months from the date of sale. To obtain a complete copy of Vector's limited warranty, contact Vector or visit www.vector-corrosion.com/warranty.pdf. Contact Vector for information on extended warranties. User shall determine the suitability of the products for the intended use and assumes all risks and liability in connection therewith. For professional use only; not for sale to or use by the general public.

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