

## AIR-COOLED TRANSFORMER RECTIFIERS



MUI offers a single and multi-channel air-cool transformer rectifiers (TR) which are the highest standard for the cathodic protection industry. TR is equipped with three modes of automatic operation (constant voltage, constant current and constant potential) can be also equipped with other accessories such as heavy-duty lightning surge protection modules, specialized measuring equipment or remote monitoring unit.

### Features

- An Integrated LCD display to display DC volts and DC amps, structure to reference potentials, and set-point potentials/amps plus a variety of other menu options.
- Multiple LED indicators to indicate mode of control, limit conditions, high or low current conditions and inhibit status.
- All controller adjustments performed by use of reliable press-switches instead of using a potentiometer.
- An integrated set of test-points for measuring volts and amps using external measuring equipment.
- Built-in user adjustable high and low current alarm complete with status indicators and clean relay contacts.
- PID control to ensure most stable operation under a variety of operating conditions.
- 0 - 10 V remote control input which can be enabled within the menu to operate in volts / current / potential (auto) modes.



### Technical Specifications

Voltage Mode	Input Impedance:	100 k-Ohm
	Set-point Resolution:	0.1 V increments
Current Mode	Input Impedance:	Greater than 1 G-Ohm
	Set-point Resolution:	1 mA increments for outputs of 1 Amp or less 10 mA increment for 1 – 10 Amp 100 mA increments for 10-100 Amp 1 A increments for 100 – 1000 Amp
Potential Mode	Input Impedance:	Greater than 1 G-Ohm
	Control Range:	+1 to -4 VDC
	Set-point Resolution:	10 mV increments