

ATA151TX Over Voltage Detection Relay

A trip amplifier designed to monitor the voltage developed at the output of a transformer. When the voltage drops too far the instrument generates a contact closure to move a transformer step changer.

The A series instruments are plug-in. So they can be removed from their housing without interfering with the field wiring. The printed circuit board is mounted in a robust aluminium enclosure for standalone surface or panel mounting. If there are a number of the units mounted in the one area they can be fitted into a 19" rack.

Technical specification:

Input: 110 to 130Vac
 Trip: High fail safe with a 5Amp 240Vac
 D.P.C.O relay

The trip point is set by a 9cm scale length 100 division dial. The hysteresis will be 1 division (0.2v's)

A time delay potentiometer is fitted on the front panel which will inhibit the relay from responding to input transients. The delay is again adjustable by a 100 division dial with a nominal 1 to 200 second delay.

Both dial settings are lockable by a front fascia M4 screw. One LED shows that the input has seen a trip condition and a second showing that the time delay period has been exceeded and that the relay has changed state.

The instrument is self powered from the primary supply.

