

Technical Bulletin
No: 804 – RS-485 Fault Protection

Model: DTCT-6, DTC-6, DTT-6, **No:** 804
DWC-6, DWT-6

Subject: RS-485 Fault Protection **Date:** 07/18/96

Symptom: Failure of IC U2 (LTC490) on the clock logic board.

Solution: Connect a bi-directional silicon transient voltage suppresser from each RS-485 line to ground

Procedure: On units used as masters, connect one General Instruments P6KE6.8CA transzorb to the DB25 (25-pin) remote cable connector between pins 1 and 3, and a second P6KE6.8CA between pins 2 and 3.

On units used as slaves connect one P6KE6.8CA between pins 3 and 4 and a second P6KE6.8CA between pins 3 and 5.

General Instruments P6KE6.8CA are available from Digi-Key.
Part Number: P6KE6.8CASGICT-ND.



601 Heron Drive
Logan Township, NJ 08085
Phone: 856-467-8000 • Fax: 856-467-3044
<http://www.radiosystems.com>