



# DP232/485 SURGE PROTECTORS

## OVERVIEW

DP232 RS-232 Data Surge Protection Module typically used in pairs to isolate an RS-232 underground or overhead cable run. RS-232 12V Data Communication Protection Response Time <10nsec. / Max Speed – 1.5Mhz / Clamp Voltage + 23.5V

DP485 RS-485 Data Surge Protection Module typically used in pairs to isolate an RS-485 underground or overhead cable run. RS-485 5V Data Communication Protection Response Time <10nsec. / Max Speed – 1.5Mhz / Clamp Voltage + 11.7V

### Size

5" W x 2.75" H x 1.25" D

### Weight

3 oz.

### Power Requirements

Passive – only requires Earth Ground

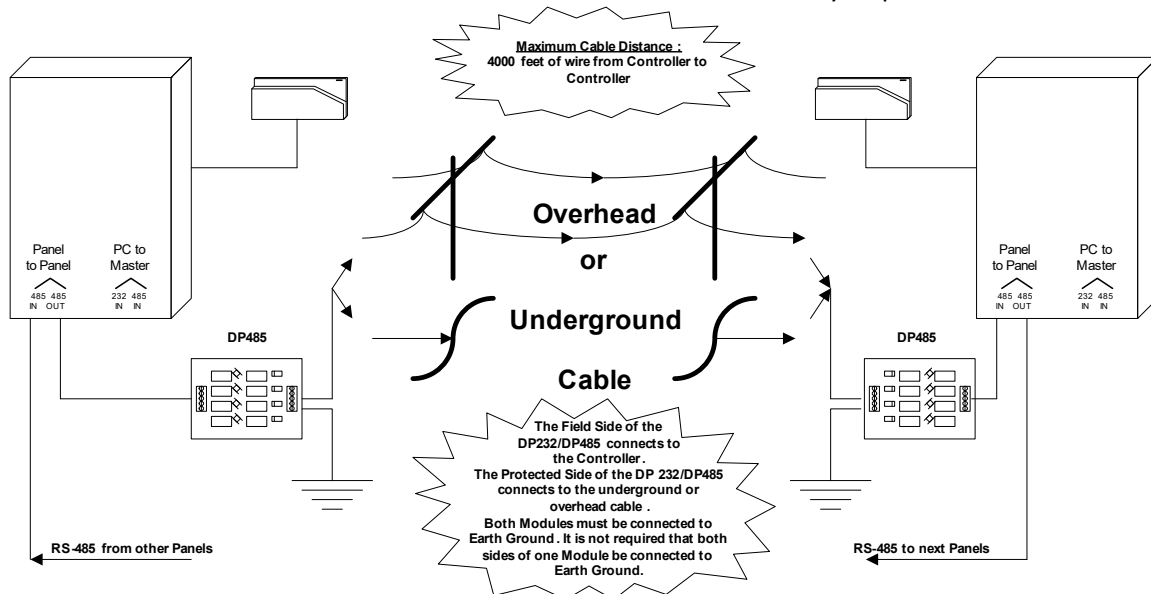


Figure 1 DSX-DP232/485 Typical Application

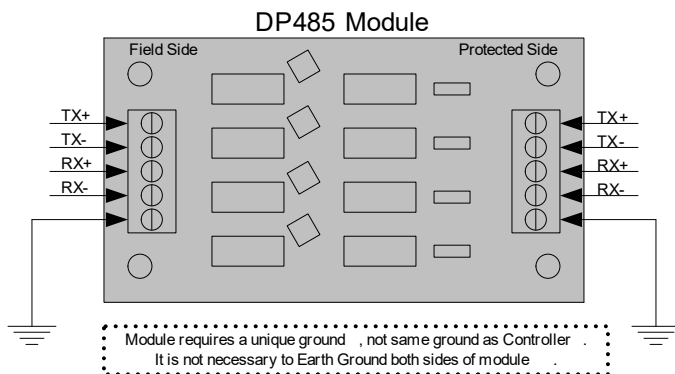


Figure 2 RS-485 Communications between Controllers

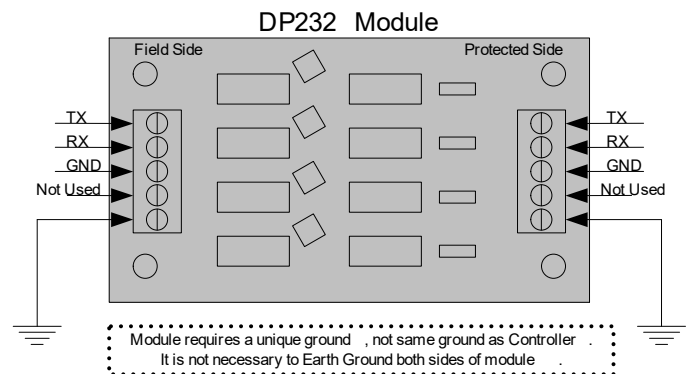


Figure 3 RS-232 Communication between PC and Master