

AC7

Power Requirements (Optical Isolation Mode)	200mA @ +5 VDC 50 mA @ +12 VDC Voltage Tolerance = ± 0.1 VDC 50 mA @ -12 VDC
Power Requirements (Non-Isolated Mode)	200 mA @ +12 VDC VDC 5 Voltage Tolerance = ± 0.1 0 mA @ -12 VDC
Operating Temperature Range	0 °C to 70 °C 0 to 95% Humidity (non-condensing)
Isolation	4,000 VAC (RS-232 to RS-422)
RS-232 Interface	25-pin, DB-25 female connector
RS-422/485 Interface	Screw terminals
Baud Rate	Up to 38,400 baud (Boards earlier than Rev.1 are limited to 19,200 baud)
RS-232 Distance	Up to 50 feet
RS-422/485 Distance	Up to 5,000 feet
Communications	RS-422 full duplex over two twisted pairs and a signal common. Shielded cable recommended. Does not support RS-485 2-wire mode (see AC7A/B)
Indicators	Transmit, Receive