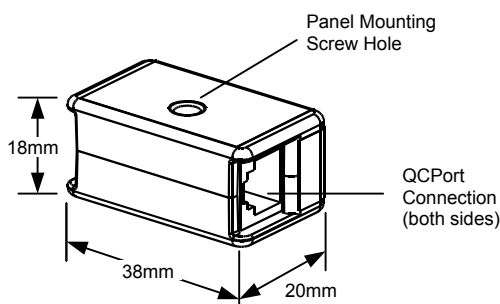


**D77E-TERRJ****QCPort RJ Inline Terminator****Installation of the D77E-TERRJ**

The D77E-TERRJ is designed to be used in industrial applications and installed in accordance with this document. The intended use of the D77E-TERRJ is for use in clean, dry environments.

The D77E-TERRJ is an active terminator for a QCPort system. For the QCPort system to work properly, both ends of QCPort must be terminated (internal to a Network Adapter a terminator is provided). If the Network Adapter is installed on one end of QCPort, only the other end of QCPort must be terminated. Install the D77E-TERRJ on the end of the QCPort system opposite of the Network Adapter. The D77E-TERRJ is designed with two RJ style connectors, one on each end. Both power and communication pass through these connectors allowing the D77E-TERRJ to be installed in-line in a QCPort system. To install the D77E-TERRJ on a QCPort system, use a standard interconnect cable (D77E-QPIPxxx) to connect from the last QCPort device to the D77E-TERRJ. The D77E-TERRJ is designed to be used with a #10 machine screw one inch long to facilitate panel mounting. Do not tighten the screw to greater than 1 Nm [9 lb-in]. The screw hole can also be used to tie the D77E-TERRJ to a fixed object.

**Specifications of the D77E-TERRJ**

Current Draw	25 mA
Max Current	500 mA
Voltage	30V DC

**Environmental Ratings of the D77E-TERRJ**

Transportation and Storage	Temperature	-50°C to 80°C (-58°F to 176°F)
	Humidity	5-95% non-condensing
	Temperature	-25°C to 55°C [-13°F to 131°F]
	Humidity	5-95% non-condensing
Operating	Altitude	Above 2000 meters (6600 feet) consult factory
	Shock IEC 68-2-27	15G any direction for 11 milliseconds
	Vibration IEC 68-2-6	5 – 150 Hz, 5G, 0.7 mm maximum peak-to-peak
	Pollution Degree	2

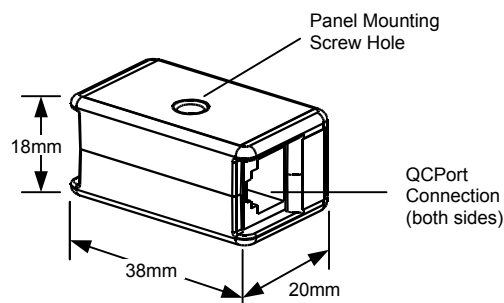
**Approvals/Certifications of the D77E-TERRJ**

Electrical/EMC	
•ESD Immunity (IEC61000-4-2)	+/- 8kV air, +/- 4kV contact
•Radiated Immunity (IEC61000-4-3)	10V/m 80-1000 MHz, 80% amplitude modulation @ 1kHz
•Fast Transient (IEC61000-4-4)	+/- 2kV supply and control +/- 1kV communications
•Surge (IEC61000-4-5)	+/- 1kV line-to-ground +/- 2kV line-to-line
•RF Conducted (IEC61000-4-6)	10V, 0.15 – 80MHz
•Magnetic Field (IEC61000-4-8)	30 A/m, 50Hz
Ingress Protection Code	IP20
Radiated and Conducted Emissions	EN5011 Class A
Agency Certifications	UL 508 CUL (CSA C22.2 No. 14) CE (Low Voltage Directive)

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