

Item no.: 387707

TCF-142-M-ST - RS-232/422/485 to multi-mode optical fiber media converter with fiber ring support

from **190,83 EUR**

Item no.: 387707
shipping weight: 0.30 kg
Manufacturer: MOXA



Product Description

Moxa's industrial-grade serial-to-fiber optic converters can convert RS-232/422/485 to optical fiber, which provides users with an easy and reliable way to communicate with their serial devices. RS-232/422/485 to multi-mode optical fiber media converter with fiber ring support and ST connector, 0 to 60°C operating temperature Serial Interface No. of Ports - 2 Serial Standards - RS-232- RS-422- RS-485 Baudrate - 50 bps to 921.6 kbps (supports non-standard baudrates) Flow Control - ADDC (automatic data direction control) for RS-485 Optical Fiber Optical Fiber Pull High/Low Resistor for RS-485 - 1 kilo-ohm, 150 kilo-ohms RS-485 Data Direction Control - ADDC (automatic data direction control) Terminator for RS-485 - N/A, 120 ohms, 120 kilo-ohms Connector - Multi-mode ST connector Latency - 300 ns Serial Signals RS-232 - Tx, D, GND RS-422 - Tx+, Tx-, Rx+, Rx-, GND RS-485-4w - Tx+, Tx-, Rx+, Rx-, GND RS-485-2w - Data+, Data-, GND Power Parameters No. of Power Inputs - 1 Input Current - 70 to 140 mA @ 12 to 48 VDC Input Voltage - 12 to 48 VDC Overload Current Protection - Supported Power Connector - Terminal block Power Consumption - 70 to 140 mA @ 12 to 48 VDC Reverse Polarity Protection - Supported Physical Characteristics IP Rating - IP30 Housing - Metal Dimensions (with ears) - 90 x 100 x 22 mm (3.54 x 3.94 x 0.87 in) Dimensions (without ears) - 67 x 100 x 22 mm (2.64 x 3.94 x 0.87 in) Weight - 320 g (0.71 lb) Installation - Wall mounting Environmental Limits Operating Temperature - 0 to 60°C (32 to 140°F) Storage Temperature (package included) - -40 to 85°C (-40 to 185°F) Ambient Relative Humidity - 5 to 95% (non-condensing) Standards and Certifications EMC - EN 55032/35 EMI - CISPR 32, FCC Part 15B Class A EMI - IEC 61000-4-2 ESD: Contact: 4 kV; Air: 8 kV - IEC 61000-4-3 RS: 80 MHz to 1 GHz: 10 V/m - IEC 61000-4-4 EFT: Power: 1 kV - IEC 61000-4-5 Surge: Power: 1 kV - IEC 61000-4-6 CS: 3 V - IEC 61000-4-8 PFM Environmental Testing - IEC 60068-2-1 - IEC 60068-2-2 - IEC 60068-2-3 Safety - UL 60950-1 Vibration - IEC 60068-2-6 MTBF Time - 780,480 hrs Standards - Telcordia (Bellcore), GB

Specifications

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All details, up-to-date
prices and availability

