

Item no.: 387712

## TCF-142-S-SC-T - RS-232/422/485 to single-mode optical fiber media converter with fiber ring support

from **571,58 EUR**

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shipping weight: 0.40 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 single-mode optical fiber media converter with fiber ring support and SC connector, -40 to 75°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 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- Single-mode SC connector Latency- 300 ns Serial Signals RS-232- Tx, Rx, 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- -40 to 75°C (-40 to 167°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 EMS- 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

