

Item no.: 386150

## ICF-1150I-S-ST-IEX - Industrial RS-232/422/485 to single-mode fibre optic converter, ST connector

from **641,18 EUR**

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shipping weight: 0.30 kg  
Manufacturer: MOXA



### Product Description

Serial to fibre optic converter Moxa's industrial serial to fibre optic converters can convert RS-232/422/485 to fibre optic, providing users with a simple and reliable way to communicate with their serial devices. Industrial RS-232/422/485 to single-mode fibre optic converter, ST connector, 2 kV insulation, -40 to 85°C operating temperature

Serial interface- Number of ports: 2- Serial standards: RS-232 RS-422 RS-485- Baud rate: 50 bps to 921.6 kbps (supports non-standardised baud rates)- Flow control: ADDC (automatic data direction control) for RS-485- Connection: 5-pin terminal strip; single-mode ST connection- Isolation: 2 kV (I models)- Pull high/low resistance for RS-485: 150 kilo-ohms, 10 kilo-ohms, 4.7 kilo-ohms, 3.3 kilo-ohms, 1 kilo-ohm, 909 ohms, 822 ohms, 770 ohms, 500 ohms, 485 ohms- RS-485 data direction control: ADDC (automatic data direction control)- Terminating resistor for RS-485: N/A, 120 ohms, 120 kilo-ohms

Serial signals- RS-232: TxD, RxD, GND- RS-422: Tx+, Tx-, Rx+, Rx-, GND- RS-485-4w: Tx+, Tx-, Rx+, Rx-, GND- RS-485-2w: Data+, Data-, GND

Performance parameters- Input current: 300 mA (max)- Input voltage: 12 to 48 VDC- Number of current inputs: 1- Overload protection: Supported

Power connection: Terminal block

Physical properties- Housing: Metal- IP protection class: IP30- Dimensions: 30.3 x 70 x 115 mm (1.19 x 2.76 x 4.53 in)- Weight: 330 g (0.73 lb)- Installation: DIN rail mounting

Environmental conditions- Operating temperature: 0 to 60°C (32 to 140°F)- Storage temperature (including packaging): -40 to 85°C (-40 to 185°F)- 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: 8 kV; Air: 15 kV IEC 61000-4-3 RS: 80 MHz to 1 GHz: 3 V/m IEC 61000-4-4 EFT: Power: 4 kV; Signal: 2 kV IEC 61000-4-5 Surge: Power: 4 kV; Signal: 1 kV IEC 61000-4-6 CS: 150 kHz to 80 MHz: 3 V/m; Signal: 3 V/m IEC 61000-4-8 PFMF- Environmental tests: IEC 60068-2-1 IEC 60068-2-2 IEC 60068-2-3- Safety: UL 61010-2-201- Vibration: IEC 60068-2-6- Hazardous areas: UL/cUL Class I Division 2 Groups A/B/C/D; ATEX Zone 2 MTBF- Time: 792,085 hours- Standards: Telcordia (Bellcore), GB

### Specifications

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prices and availability

