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Connecting Converting Leading!

Technical Document: User Manual for Fiber to Serial Converter. Model SC09FSS XXX XX 230 I

Features:

- Supports RS232 / RS485 / RS422 Interfaces.
- Asynchronous transmission : Point-to-Point with a rate as high as 460KBPS.
- Transmission distance : 4 Km for multi-mode and 20 Km for single-mode.
- Working temperature : -40°C to +80°C
- Relative humidity : 5% to 95% rh non condensing.
- Working wave length : 1310nm (Single-mode & Multimode)
- Both half duplex and full duplex communications through fiber supported

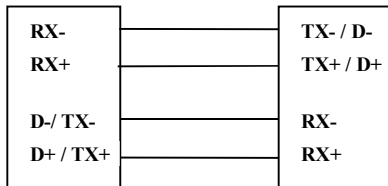
Look at the check box on the sticker for identifying Single / Multimode

Interfaces:

- RS232 / RS485/422 : Screw type Industrial Connector
- Fiber interface : SC Interface (other interface can be ordered SC/FC)
- RS-232 Interface : 3 wire
- ESD protection : +/-15KV
- Input voltage : 90 to 260V AC
- RS-485/422 Interface : 32 Multidrops
- Surge protection : 600W each line for RS-422 and RS-485 interfaces.

Connection Details and Signals

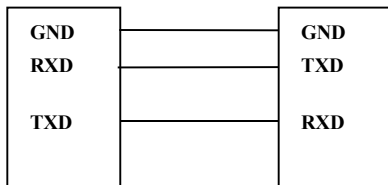
Serial Connections : RS485 / RS422



Pin Out of SC09 Your Device

NOTE :- USE D+ & D- for RS485, 2 wire

Serial Connections : RS232



Pin Out of SC09 Your Device

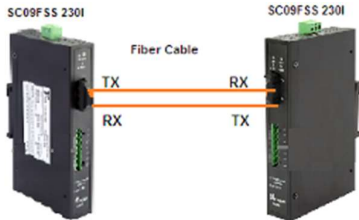
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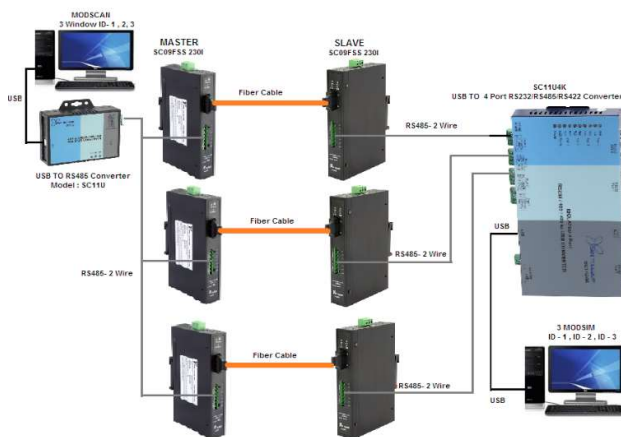
Fiber connection

Multi-mode fiber cable of almost all sizes can be used, including 50/125um, 100/140um and 200um. Single mode is 9/125um. Under point-to-point mode, two fibers are to be used for two fiber modems and the directions of the data transmission are opposite.

Connection diagram for Back to Back mode



Connection diagram for One to Many



Signal and Power indicators

- TXD : Indicating data sending from fiber interface.
- RXD : Indicating data receiving by fiber interface.
- PWR : Power indicator.
- FAULT : Fiber link indicator.

Product Picture

