



Technical Data Sheet & Spec Summary

Compiled By: Apexon Technical Engineering Team

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Product Identification

Manufacturer / Brand: Mitsubishi Electric

Model / MPN: FX5-232-BD

Description: MELSEC iQ-F Series RS-232C Communication Expansion Board for FX5S, FX5UJ, and FX5U CPU modules.

Technical Specifications

Model / MPN: FX5-232-BD

Manufacturer / Brand: Mitsubishi Electric

Applicable CPU Modules: FX5S (From the first), FX5UJ (From the first), FX5U (From the first)

Transmission Standard: RS-232C standard

Connection Method: 9-pin D-sub, male

Maximum Transmission Distance: 15 m or less

Number of Occupied I/O Points: 0 points

Insulation: Not insulated (Between communication line and CPU module)

Rated Voltage: 5 V DC (Internal power supply)

Current Consumption: 20 mA (Internal power supply)

MC Protocol Support: Format 1/4/5 (3C/4C frame), Format 1/4 (1C frame)

MC Protocol Comm Method: Half-duplex, bidirectional communication



MC Protocol Baud Rate: 300, 600, 1200, 2400, 4800, 9600, 19200, 38400, 57600, or 115200 bps

Non-protocol Comm Method: Half-duplex / Full-duplex, bidirectional communication

Non-protocol Baud Rate: 300 to 115200 bps

Predefined Protocol Support: Supported

Predefined Protocol Baud Rate: 9600, 19200, 38400, 57600, 115200 bps

MODBUS Communication: RTU Mode

MODBUS Baud Rate: 300 to 115200 bps

Mass (Weight): Approx. 20 g

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