



Technical Data Sheet & Spec Summary

Compiled By: Apexon Technical Engineering Team

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Product Identification

Manufacturer / Brand: Mitsubishi Electric

Model / MPN: FX5-485-BD

Description: High-performance communication expansion board for MELSEC iQ-F PLCs. Provides integrated RS-485/RS-422 connectivity via a space-saving European terminal block for N:N networking, inverter control, and MODBUS RTU.

Technical Specifications

Model / MPN: FX5-485-BD

Manufacturer / Brand: Mitsubishi Electric

Transmission Standard: RS-485 and RS-422 standard

Connection Method: European terminal block

Max Transmission Distance: 50 m or less

Maximum Baud Rate: 115,200 bps

Terminal Resistor: Built-in (OPEN / 110 Ω / 330 Ω)

Communication Protocols: MODBUS RTU, N:N Network, MC protocol, Inverter communication

Power Consumption: 5 V DC, 20 mA (Internal supply)

Applicable CPU Modules: FX5S, FX5UJ, FX5U CPU modules

Insulation: Not insulated (between comm. line and CPU)

Occupied I/O Points: 0 points

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