



Technical Data Sheet & Spec Summary

Compiled By: Apexon Technical Engineering Team

Date Compiled: May 23, 2024

Product Identification

Manufacturer / Brand: Mitsubishi Electric

Model / MPN: FX5-485ADP

Description: High-performance RS-485/RS-422 serial communication adapter for MELSEC iQ-F PLCs. Engineered for distributed control and long-distance networking with built-in terminal resistance and multi-protocol support.

Technical Specifications

Model / MPN: FX5-485ADP

Manufacturer / Brand: Mitsubishi Electric

Applicable CPU Modules: FX5S, FX5UJ, FX5U, FX5UC (From first version)

Transmission Standard: RS-485 and RS-422 standard

Maximum Distance: 1200 m or less

Supported Protocols: MC protocol, MODBUS RTU, N:N Network, Parallel link, Inverter communication

Baud Rate: 300 to 115,200 bps

Connection Method: European terminal block

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

Insulation: Photo-coupler isolation

Rated Voltage: 5 V DC / 24 V DC (Internal supply)

Current Consumption (5V): 20 mA

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Current Consumption (24V): 30 mA

Occupied I/O Points: 0 Points

Mass (Weight): Approx. 80 g

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