



Technical Data Sheet & Spec Summary

Compiled By: Apexon Technical Engineering Team

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Product Identification

Manufacturer / Brand: Mitsubishi Electric

Model / MPN: FX5-232ADP

Description: High-performance RS-232C serial communication adapter for the MELSEC iQ-F series. Designed for long-distance data transmission and interfacing with peripheral devices including PCs, printers, and barcode readers.

Technical Specifications

Model / MPN: FX5-232ADP

Manufacturer / Brand: Mitsubishi Electric

Applicable Controller: MX Controller MX-F model

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

Number of Occupied I/O Points: 0 Points

Transmission Standard: RS-232C standard

Maximum Transmission Distance: 15 m or less

Connection Method: 9-pin D-sub (Male)

Insulation: Photo-coupler isolation (Between communication line and CPU module)

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

MODBUS Communication: RTU Mode supported

Baud Rates: 300, 600, 1200, 2400, 4800, 9600, 19200, 38400, 57600, 115200 bps

Communication Methods: Half-duplex / Full-duplex bidirectional

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

Current Consumption (5V): 30 mA

Current Consumption (24V): 30 mA

Mass (Weight): Approx. 80 g

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