FX3G-60MR

Industrial automation components

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Manufacturer	Mitsubishi
Catalog number	fx3g-60mr
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Input Points	36 points
Output Points	24 points
Maximum I/O Points	256 points
Pulse Measurement Accuracy	10 µs
Operating Temperature Range	0 to 55 °C
Humidity Tolerance	5 to 95 % RH

Description

The Mitsubishi FX3G-60MR is a compact and versatile programmable logic controller (PLC) from the MELSEC-F series, designed to meet the demands of industrial automation applications. This model features 36 DC input points and 24 relay output points, providing a reliable solution for various control tasks.

Its modular design allows for easy expansion, accommodating up to 256 I/O points when configured with remote I/O systems like CC-Link or AnyWire. The FX3G-60MR supports high-speed pulse measurement functions with 10 µs accuracy, facilitating precise control in applications requiring rapid response times.

Additionally, it offers a pulse catch function, enabling efficient sequence control for short-duration signals. With a robust operating temperature range from 0 to 55°C and a humidity tolerance of 5 to 95% RH (non-condensing), this PLC is built to perform reliably in diverse industrial environments.

Its compliance with international standards, including UL, cUL, CE (EMC, LVD, RoHS), KC (EMC), and others, ensures its suitability for global applications.

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