FX5-80SSC-S

Industrial automation components

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Manufacturer	Mitsubishi
Catalog number	fx5-80ssc-s
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Number of Control Axes	8 axes
Servo Amplifier Connection Method	SSCNET III/H protocol
Control Modes	Positioning, Speed, Torque, Cam modes
Dimensions	50 x 90 x 83 mm
Weight	0.3 kg

Description

The Mitsubishi FX5-80SSC-S is a Simple Motion Module from the MELSEC iQ-F Series, designed to provide advanced motion control capabilities for industrial automation applications. This module supports up to 8 axes, enabling precise and synchronized control of multiple servo amplifiers.

It utilizes the SSCNET III/H communication protocol, ensuring high-speed and reliable data transmission between the module and connected devices. The FX5-80SSC-S offers various control modes, including positioning, speed, torque, and cam control, catering to a wide range of motion control requirements.

Its compact design, measuring 50 mm in width, 90 mm in height, and 83 mm in depth, allows for easy integration into space-constrained environments. With a weight of 0.3 kg, it is suitable for applications where weight considerations are important.

The module is compatible with the MELSOFT GX Works3 engineering environment, facilitating efficient programming and system configuration. This integration streamlines the development process, reducing setup time and enhancing overall system performance.

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The FX5-80SSC-S is ideal for applications in sectors such as packaging, material handling, and robotics, where precise and synchronized motion control is essential. Its robust features and ease of integration make it a valuable component for enhancing automation processes.

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