FCA830U

Industrial automation components

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Manufacturer	Mitsubishi
Catalog number	fca830u
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Number of Control Axes	32 axes
Number of NC Axes	16 axes
Number of Spindles	4 spindles
Number of PLC Axes	8 axes
Number of Part Systems	4 systems
Control Unit Type	Separated-type
Dimensions	90×180×380 mm

Description

The Mitsubishi FCA830U is a high-performance CNC control unit designed for machining center systems. Part of the M800W series, it offers advanced control capabilities to enhance machining precision and efficiency.

Key features include support for up to 32 control axes, accommodating complex machining tasks. The system supports up to 16 NC axes, 4 spindles, and 8 PLC axes, providing flexibility for various machining configurations.

Additionally, it allows for up to 4 part systems, enabling multi-part processing. The FCA830U is compatible with both separated-type and integrated-type control units, offering versatility in system configuration.

Its compact design, with dimensions of 90×180×380 mm for the separated-type control unit, ensures efficient use of space in machine setups. This control unit is ideal for applications requiring high precision and flexibility, such as complex machining operations in the automotive and aerospace industries.

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