# FCU8-DX220

Industrial automation components

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| **Manufacturer** | Mitsubishi |
| **Catalog number** | fcu8-dx220 |
| **Category** | Industrial automation components |
| **Product type** | Industrial automation components |
| **Status** | Active product |

## Technical specification

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|---|---|
| **Power Supply Voltage** | 24VDC V |
| **Digital Inputs** | 64 points |
| **Digital Outputs** | 48 points |
| **Operating Ambient Temperature** | 0 to 58 °C |
| **Operating Ambient Humidity** | 10 to 75 % RH |
| **Vibration Resistance** | 4.9 m/s² |
| **Shock Resistance** | 29.4 m/s² |
| **Power Supply Voltage** | 24 V DC |
| **Current Consumption** | 3.5 A |
| **Maximum Heating Value** | 8 W |
| **Dimensions (W x H x D)** | 40 x 175 x 133 mm |
| **Weight** | 0.4 kg |

## Description

The Mitsubishi FCU8-DX220 is a remote I/O unit designed for integration with Mitsubishi's M800/M80/E80/C80 series CNC systems. Operating at a 24VDC power supply with a current consumption of 3.5A, it ensures reliable data exchange between the CNC controller and peripheral devices.

The unit features a compact design with dimensions of 40mm (W) x 175mm (H) x 133mm (D), facilitating easy installation in space-constrained environments. It operates effectively within an ambient temperature range of 0 to 58°C and humidity levels of 10 to 75% RH, making it suitable for various

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industrial settings.

The FCU8-DX220 is engineered for durability, withstanding vibrations up to 4.9m/s² and shocks up to 29.4m/s², ensuring stable performance in demanding conditions. Its robust construction and precise specifications make it an ideal choice for enhancing the connectivity and functionality of Mitsubishi CNC systems.