

FX3U-80MT/DS

Industrial automation components

Manufacturer	Mitsubishi
Catalog number	fx3u-80mtds
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	4.54 kgs
Material Number	206183
Business Area Code	FT
Product Category	OTHERS
Pricing Group	FT - Service Parts
Product Name	FX3U-80MT/DS
Marketing Note [PL]	939
Class Code	100100101
Class Description	FA-COM PLC: Main Unit
Sub Product Line	Compact PLC
Product Hierarchy Code	IAD213
Product Line	FX3U
Gross Weight (kg)	1.313
Gross Length (cm)	35
Gross Width (cm)	12
Gross Height (cm)	11
Customs Tariff Code	85371091
Country of Origin	JP
ABC Classification	C
Product Marketing Description	PLC, FX3U Base Unit 24 VDC, 40 inputs 24 VDC, 40 outputs, sink

Description

The Mitsubishi FX3U-80MT/DS is a compact programmable logic controller (PLC) designed for industrial automation applications. It features 40 digital inputs and 40 digital outputs, all operating at 24 VDC. The outputs are transistor type with a sink configuration, suitable for controlling various industrial devices. This model is part of the FX3U series, known for its high-speed processing and extensive functionality. It supports a maximum of 256 local I/O points and can be expanded to 384 points using remote I/O modules, providing flexibility for complex automation systems. The FX3U-80MT/DS operates within a temperature range of 0 to 55°C, ensuring reliable performance in diverse environments. Its compact dimensions (285 mm x 90 mm x 86 mm) and lightweight design (1.2 kg) facilitate easy integration into existing control panels. This PLC is ideal for applications requiring precise control and high-speed processing, such as manufacturing processes, machinery control, and system monitoring.