# MR-J3-40T-MR-J3BAT

Industrial automation components

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| **Manufacturer** | Mitsubishi |
| **Catalog number** | mr-j3-40t-mr-j3bat |
| **Category** | Industrial automation components |
| **Product type** | Industrial automation components |
| **Status** | Active product |

## Technical specification

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|---|---|
| **Product Type** | Servo Amplifier |
| **Battery Type** | Lithium Metal |
| **Ambient Temperature Range** | 0 to 55°C (32 to 131°F) |
| **Weight** | 1.0 kg (2.2 lbs) |
| **Battery Voltage** | 3.6V |

## Description

The Mitsubishi MR-J3-40T is a high-performance servo amplifier designed for precise motion control in industrial automation applications. Part of the MELSERVO-J3 series, it offers advanced features and robust performance.

Key specifications include a main circuit power supply of 3-phase 200 to 230VAC 50/60Hz, with a built-in dynamic brake and a self-cooling open structure (IP00). The amplifier operates within an ambient temperature range of 0 to 55°C (32 to 131°F) and has a maximum weight of 1.0 kg (2.2 lbs).

The MR-J3BAT is a lithium metal battery (3.6V, 2000mAh) used to retain absolute position data when mounted on the servo amplifier. This battery is not required when the servo system operates in incremental mode.

The MR-J3-40T and MR-J3BAT are integral components for achieving precise and reliable motion control in various industrial automation systems.

**Automation Trader**
960 Capability Green
Luton, Bedfordshire LU1 3PE
VAT ID: PL6463009354
REGON: 527345886
DUNS: 427734105
BDO: 000726360

**Phone**
+44 7418 359 399

**Email**
info@automationtrader.com

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