

M-7853C MUSASINO 70g Digital I/O Interface Control PCB Datasheet



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Category: CNC, Robotics & PLC Boards

Price: \$428.99

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

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Product Description

The MUSASINO M-7853C is a 70 g digital I/O interface module featuring a gold-plated edge connector and terminal block integration for discrete signal acquisition. The structural architecture incorporates multiple logic and driver ICs to process on/off status signals and drive external hardware. Engineered with built-in signal isolation, hardware filtering mechanisms, and status indication LEDs, the printed circuit board ensures stable data transmission and control execution under conditions of high physical vibration and electromagnetic interference.

M-7853C Specifications

Model Number: M-7853C

Brand: MUSASINO

Product Category: Digital I/O & Control Interface Module

Physical Weight: 70 g

Primary Interface: Gold-Plated Edge Connector

Secondary Interface: Terminal Blocks

Signal Acquisition: Discrete I/O (On/Off Status)

Component Architecture: Logic and Driver ICs

Hardware Protection: Signal Isolation, Filtering Mechanisms

Visual Diagnostics: Status Indication LEDs

Environmental Resistance: High Vibration, Salt Spray, Electromagnetic Interference (EMI)

Output Function: Actuator Drive (Relays, Valves)

M-7853C Applications

Primary applications include integration into marine automation systems, specifically within Tank Level Gauging (TLG) control panels and cargo monitoring networks. Deployed within ballast and draft monitoring systems, the module facilitates discrete signal acquisition from liquid level sensors and drives mechanical actuators such as heavy-duty relays and flow control valves.

Supplemental Images

