

Crouzet MUR3

Crouzet MUR3 Multifunction Timer 88827103 User Manual

Model: MUR3 (88827103)

1. INTRODUCTION

This manual provides essential information for the safe and efficient installation, operation, and maintenance of the Crouzet MUR3 Multifunction Timer, model 88827103. Please read this manual thoroughly before using the device to ensure proper function and to prevent potential hazards.

The Crouzet MUR3 is a versatile multifunction timer designed for various industrial and commercial control applications, offering a wide operating voltage range of 12-240VAC/DC.

2. PRODUCT OVERVIEW

The Crouzet MUR3 Multifunction Timer is a compact, DIN rail mountable device featuring multiple timing functions and a broad supply voltage range. It is designed for precise control in automation systems.



Figure 1: Front view of the Crouzet MUR3 Multifunction Timer, showing the control dial and terminal connections.

Key Features:

- Multifunction capability for diverse timing applications.
- Wide supply voltage range: 12-240VAC/DC.
- Compact design for DIN rail mounting.
- Precise time setting with rotary switch.

3. SAFETY INFORMATION

WARNING: Risk of electric shock. Installation and maintenance should only be performed by qualified personnel.

- Always disconnect power before installing, wiring, or servicing the device.
- Ensure all wiring complies with local and national electrical codes.
- Do not operate the device if it is damaged or shows signs of malfunction.
- Protect the device from moisture, dust, and extreme temperatures.
- Use appropriate personal protective equipment (PPE) during installation and maintenance.

4. SETUP AND INSTALLATION

4.1 Mounting

The MUR3 timer is designed for mounting on a standard 35mm DIN rail. Ensure the mounting location is free from excessive vibration, heat, and moisture.

1. Hook the top edge of the timer onto the DIN rail.
2. Push the bottom edge of the timer firmly until it clicks into place on the rail.

4.2 Wiring

Refer to the wiring diagram provided on the side of the device or in the full technical datasheet for specific connection details. The following is a general guide:



Figure 2: Side view of the Crouzet MUR3 Multifunction Timer, showing terminal block connections.

- **Power Supply (A1, A2):** Connect the 12-240VAC/DC power supply to terminals A1 and A2. Ensure the voltage is within the specified range.
- **Control Input (B1):** If applicable for the selected function, connect the control signal to terminal B1.
- **Output Contacts (15, 16, 18):** These are potential-free changeover contacts.
 - **15:** Common contact
 - **16:** Normally Closed (NC) contact
 - **18:** Normally Open (NO) contact

Connect the load circuit to these contacts as required by your application.

Always double-check all connections before applying power.

5. OPERATING INSTRUCTIONS

The MUR3 timer typically features rotary switches for function selection and time range adjustment. The exact operation depends on the specific timing function selected.

5.1 Function Selection

A rotary switch on the front panel allows selection of various timing functions (e.g., On-delay, Off-delay, Flasher, etc.). Rotate the switch to the desired function symbol.

5.2 Time Range and Setting

Another rotary switch or potentiometer is used to select the time range (e.g., 0.1s-1s, 1s-10s, 1m-10m, etc.). Once the range is selected, a fine-tuning potentiometer allows precise adjustment within that range.

5.3 Indicator LEDs

The timer may include LED indicators for power status and output relay status. Consult the device's markings for specific LED functions.

For detailed information on each timing function and its specific behavior, refer to the comprehensive technical datasheet available from Crouzet.

6. MAINTENANCE

The Crouzet MUR3 Multifunction Timer is designed for long-term, maintenance-free operation under normal conditions. No user-serviceable parts are inside.

- **Cleaning:** If necessary, gently wipe the exterior of the device with a dry, soft cloth. Do not use abrasive cleaners or solvents.
- **Inspection:** Periodically inspect wiring connections for tightness and signs of wear or damage. Ensure the device is free from dust and debris accumulation.
- **Environmental Conditions:** Ensure the operating environment remains within the specified temperature and humidity limits to prevent premature failure.

7. TROUBLESHOOTING

If the MUR3 timer does not operate as expected, perform the following basic checks:

Problem	Possible Cause	Solution
Device not powering on (no LEDs)	No power supply; incorrect voltage; faulty wiring.	Check power connections (A1, A2). Verify supply voltage. Ensure wiring is correct and secure.
Output relay not switching	Incorrect function selected; incorrect time setting; no control signal (if applicable); faulty load connection.	Verify function and time settings. Check control input (B1). Inspect load wiring (15, 16, 18).
Inaccurate timing	Incorrect time range or setting.	Adjust the time range and fine-tuning potentiometer.

If the problem persists after performing these checks, contact Crouzet technical support or a qualified electrician.

8. SPECIFICATIONS

Parameter	Value
Model	MUR3 (88827103)
Brand	Crouzet
Type	Multifunction Timer
Supply Voltage	12-240VAC/DC
Mounting	DIN Rail
Output	1 Changeover Relay (SPDT)

Parameter	Value
Manufacturer	Crouzet
ASIN	B01819F62S
Date First Available	March 27, 2025

9. WARRANTY AND SUPPORT

Crouzet products are manufactured to high-quality standards and are typically covered by a manufacturer's warranty against defects in materials and workmanship. The specific warranty period and terms may vary by region and product type.

For warranty claims, technical assistance, or further product information, please contact your local Crouzet distributor or visit the official Crouzet website. When contacting support, please have your product model (MUR3) and serial number (if applicable) ready.

Manufacturer: Crouzet

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

