

Crouzet 88 826 135

Crouzet 88 826 135 Delay Relay User Manual

1. INTRODUCTION

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your Crouzet 88 826 135 Delay Relay. Please read this manual thoroughly before using the product and retain it for future reference.

The Crouzet 88 826 135 is a versatile delay relay designed for industrial control applications, offering precise timing functions for various electrical circuits. It supports both DC and AC control voltages and features an 8A contact rating.

2. SAFETY INFORMATION

WARNING: Electrical shock hazard. Installation and servicing should only be performed by qualified personnel.

- Always disconnect power before installing, wiring, or servicing the relay.
- Ensure all wiring complies with local and national electrical codes.
- Do not exceed the specified voltage and current ratings of the device.
- Protect the relay from moisture, dust, and extreme temperatures.
- Verify correct terminal connections before applying power.

3. PRODUCT OVERVIEW

The Crouzet 88 826 135 Delay Relay (also known as MCR1) is a compact, DIN rail mountable device. It features a front-panel adjustable time setting and range selection, along with clearly marked terminals for power and output connections.

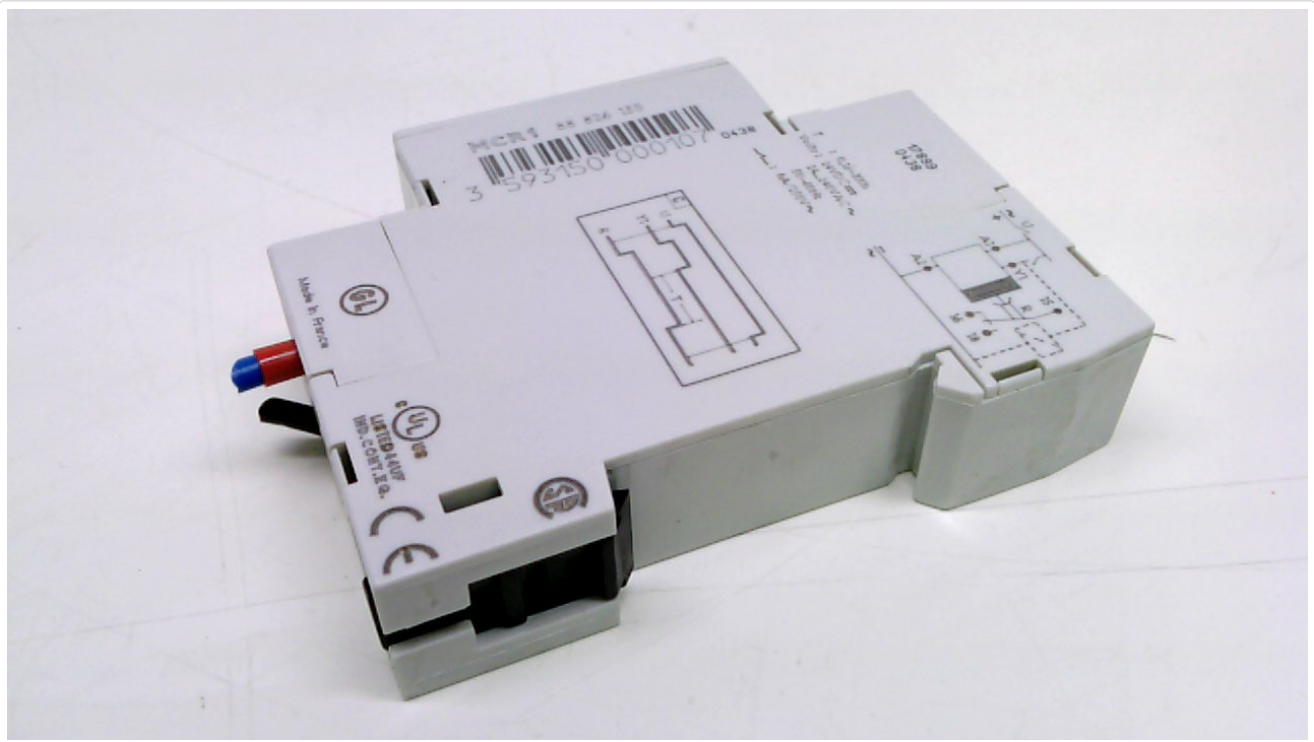


Figure 1: Overall view of the Crouzet 88 826 135 Delay Relay, showing its compact DIN rail mountable design.



Figure 2: Front panel of the Crouzet 88 826 135 Delay Relay, featuring the time setting dial, range selector, and terminal markings (A1, A2, 15, 16, 18, Y1).

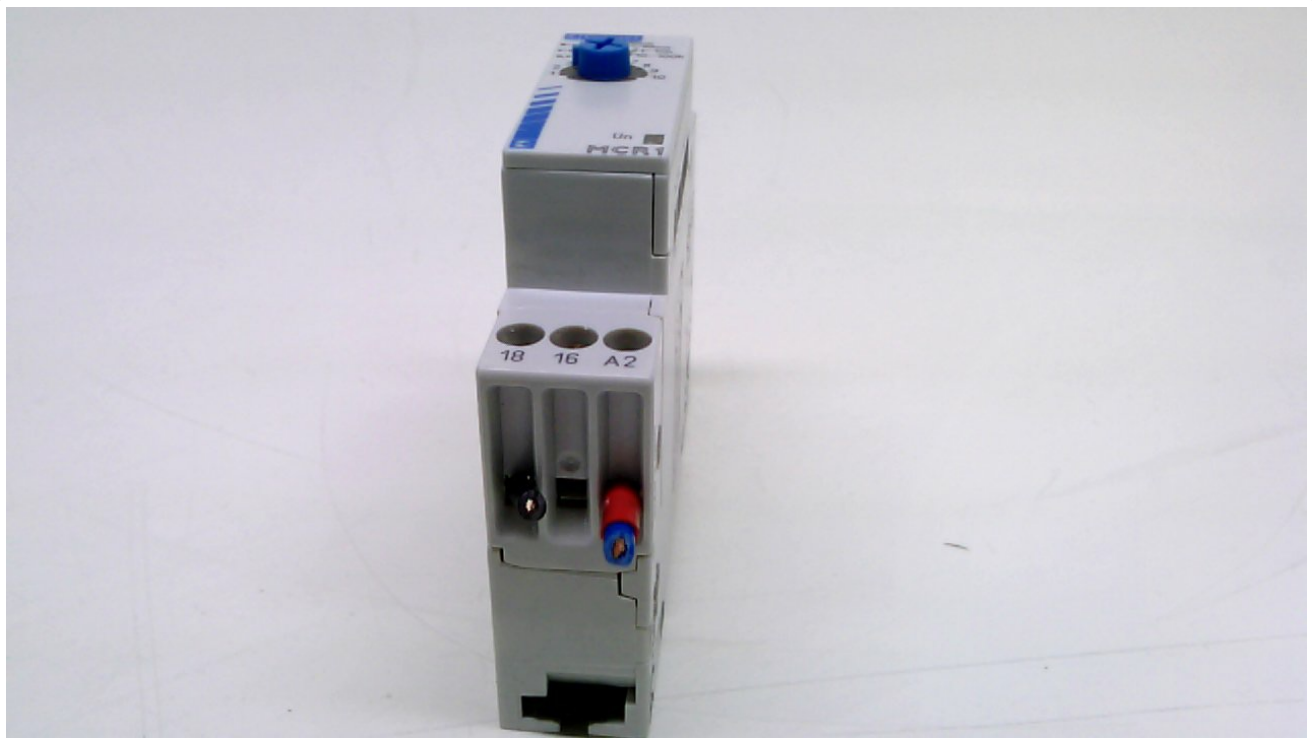


Figure 3: Side view of the Crouzet 88 826 135 Delay Relay, illustrating the wiring connection points and mounting clips.

4. SETUP AND INSTALLATION

4.1 Mounting

The relay is designed for mounting on a standard 35mm DIN rail. Simply clip the relay onto the rail until it locks securely into place.

4.2 Wiring Connections

Refer to the terminal markings on the front of the relay (Figure 2) for correct wiring. Ensure all connections are tight and secure.

- **A1, A2:** Control Supply Voltage (24Vdc or 24-240Vac, 50/60Hz). Connect the power supply to these terminals. A1 is typically for phase/positive, A2 for neutral/negative.
- **15:** Common Contact. This is the common terminal for the relay's output contacts.
- **16:** Normally Closed (NC) Contact. This contact is closed when the relay is de-energized and opens when the relay is energized (after the delay).
- **18:** Normally Open (NO) Contact. This contact is open when the relay is de-energized and closes when the relay is energized (after the delay).
- **Y1:** Start/Reset Input (if applicable for the specific function mode). Consult the product datasheet for detailed function mode wiring.

Important: Always verify the wiring diagram printed on the side of the relay or in the official datasheet for the exact function and terminal assignments.

5. OPERATING INSTRUCTIONS

5.1 Setting the Delay Time

The delay time is set using the two dials on the front panel (Figure 2):

- **Outer Blue Dial:** This dial sets the multiplier value (e.g., 1 to 10) within the selected time range.

- **Inner White Dial:** This dial selects the timing range (e.g., 0.1-1s, 1-10s, 1-10min, 1-10h, 10-100h). Rotate it to align the desired range with the indicator mark.

For example, to set a 5-second delay, select the '1-10s' range with the inner white dial, then set the outer blue dial to '5'.

5.2 Operation

Once power is applied to terminals A1 and A2, the relay will begin its timing sequence according to the selected function (e.g., On-Delay). After the set delay period, the output contacts (15-18 and 15-16) will change state. The specific behavior depends on the relay's configured function mode, which is typically indicated on the product label or datasheet.

6. MAINTENANCE

The Crouzet 88 826 135 Delay Relay is designed for reliable, long-term operation with minimal maintenance.

- Keep the relay clean and free from dust and debris. Use a soft, dry cloth for cleaning.
- Periodically inspect wiring connections to ensure they remain tight and free from corrosion.
- Check for any signs of physical damage or overheating.

Do not attempt to open or repair the relay. Refer servicing to qualified personnel.

7. TROUBLESHOOTING

If the relay does not function as expected, consider the following:

- **No Power Indication:** Check the control supply voltage at terminals A1 and A2. Ensure the voltage is within the specified range (24Vdc, 24-240Vac).
- **Incorrect Delay Time:** Verify that both the inner range dial and the outer multiplier dial are set correctly for the desired delay.
- **No Output Change:** Check the wiring to the load connected to terminals 15, 16, and 18. Ensure the load is functioning correctly and its current draw does not exceed 8A. Confirm the relay's function mode is appropriate for the application.
- **Intermittent Operation:** Inspect all wiring connections for looseness or damage. Check for stable power supply.

If issues persist, contact technical support.

8. SPECIFICATIONS

Feature	Specification
Model Number	88 826 135
Brand	Crouzet
Control Voltage	24Vdc, 24-240Vac (50/60Hz)
Current Rating	8 Amps
Contact Current Rating	8 Amps

Feature	Specification
Operation Mode	Automatic (Delay Function)
Product Dimensions	0.31 x 0.31 x 0.28 inches
Weight	1 Pound
Manufacturer	CROUZET

9. WARRANTY AND SUPPORT

For information regarding product warranty, technical support, or service, please refer to the official Crouzet website or contact your authorized Crouzet distributor. Keep your purchase receipt as proof of purchase.

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.

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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