

OVER TEMPERATURE & SEAL LEAKAGE RELAYS

TCF Series | Inner Door Mounted



Macromatic's TCF Series relays protect submersible pump motors against over temperature and seal leakage. The TCF Over Temperature & Seal Leakage Relays are ideal for the water/wastewater market where deadfront-mounting on an inner door is needed.

MACROMATIC'S ADVANTAGES OVER COMPETITION:

- Shorter unit may use smaller & less expensive enclosure
- Full-featured, competitively priced relay
- Two-color LEDs indicate both normal & alarm status, not just a fault, for better troubleshooting
- 24, 120 & 240V AC input voltages & two seal leakage sensitivity ranges to meet more applications
- UL Listed with back-mounted sockets required for deadfront-mounting on an inner door
- Five-year warranty



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Over Temperature & Seal Leakage Relays Catalog Numbers

INPUT VOLTAGE	LEAKAGE SENSITIVITY RANGE	CATALOG NUMBER	WIRING/SOCKET
24V AC	4.7K to 100K Ω 1K to 250K Ω	TCF8D100 TCF8D250	11 Pin Octal OR11-PC DIAGRAM 202
120V AC	4.7K to 100K Ω 1K to 250K Ω	TCF2D100 TCF2D250	
240V AC	4.7K to 100K Ω 1K to 250K Ω	TCF1D100 TCF1D250	

■ 11 Pin Back-Mounted Socket Provided with Relay

MACROMATIC'S PRODUCT LINE

- Three-Phase Voltage Monitor Relays
- Alternating Relays
- Time Delay Relays
- Seal Leakage & Over Temperature Relays
- Liquid Level Control Relays
- Voltage Monitor Relays
- Current Sensing Relays
- Intrinsically-Safe Relays
- Custom-Engineered Controls
- Accessories

ABOUT MACROMATIC INDUSTRIAL CONTROLS

Located in Menomonee Falls, Wisconsin, Macromatic Industrial Controls engineers and manufactures industrial relays that control electrical processes and monitor power for damaging fault conditions. Providing solutions for most applications in any industry, Macromatic specializes in the HVACR, pump control, material handling, motor control, generator, and lift and elevator industries.

As an independently-owned manufacturer of state-of-the-art control and monitoring products for over 40 years, Macromatic takes pride in its short lead-time, flexible product design, and exceptional technical support.



- Five Year Warranty
- Short lead-times
- Superior customer service
- Advanced technical support
- Products meet UL and CE
- RoHS manufacturing



All Macromatic plug-in and encapsulated products are either UL Component Recognized (UR) and CSA or UL Component Recognized combined with Canadian approval (cURus). All plug-in products are UL listed when used with the appropriate socket. All DIN-rail mount products are UL Listed combined with Canadian approvals (cULus). Many products meet CE requirements. All Macromatic products are RoHS-compliant, ensuring they meet the latest requirements for protecting the environment.

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