

INDUSTRIAL CONTROL & MONITORING PRODUCTS

Better. By Design.

THREE-PHASE MONITOR RELAYS

PROTECT MOTORS AGAINST PREMATURE FAILURE

- Variety of products offer protection against phase loss, phase reversal, phase unbalance & under/over voltage
- Line-line voltages from 120-575V AC



- True RMS voltage measurement ensures accurate sensing across more applications
- Bi-color LED status indication for normal & fault conditions
- Protection against single phasing regardless of any regenerative voltages
- Retains fault indication & continues monitoring all voltages even with phase loss

VOLTAGE MONITOR RELAYS

PROTECT EQUIPMENT AGAINST ABNORMAL VOLTAGE



- Monitored ranges include 120-480V AC single-phase & 12-110V DC
- Both fixed or adjustable hysteresis & time delay on drop-out
- Bi-color LED status indication for normal & fault conditions

CURRENT SENSING RELAYS

PROTECT EQUIPMENT OR CONTROL A PROCESS



- Monitored AC current ranges from 0.1–50A (extend range using external current transformer)
- Fixed or adjustable hysteresis & time delay on pick-up/drop-out available
- LED status indication for normal & fault conditions

ALTERNATING RELAYS

EQUALIZE THE RUN-TIME OF MULTIPLE PUMPS & COMPRESSORS



- Duplexor (2 loads) in SPDT, DPDT
 & DPDT Cross-Wired output
- Triplexor (3 loads) with 3PNO output
- Optional top-mounted switch for normal or lock-out modes
- LED indication of alternating sequence



SEAL LEAK & TEMPERATURE RELAYS

MONITOR SUBMERSIBLE PUMPS FOR SEAL LEAKAGE & OVERTEMPERATURE

- Seal Leak Relays indicate leaking seal before pump failure
- Both Single & Dual channel versions available to monitor 1 or 2 pumps



- Dual function relay monitors for both seal leak & over temperature condition of a single pump
- Two sensitivity ranges: 4,7K to 100K ohms & 1K to 250K ohms
- Bi-color LED status indication

LIQUID LEVEL CONTROL RELAYS

DETECT & MONITOR LEVELS OF CONDUCTIVE LIQUIDS

- Pump Up & Pump Down versions available
- Single & Dual Probe applications
- Two sensitivity ranges: 4.7K to 100K ohms
 & 1K to 250K ohms
- · Bi-color LED status indication
- Factory-fixed time delays







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TIME DELAY RELAYS

THE LEADER IN TIME DELAY RELAYS | MOST EXTENSIVE LINE IN INDUSTRY

- Single or multi-function versions
- Single or programmable time ranges
- Analog or digital-set time delay
- Available with standard and custom functionality for all applications









PERCENTAGE TIMERS

RELIABLE ACCURATE TIMING FOR CRITICAL APPLICATIONS

- Retains timing sequence in the event of power loss
- Onboard potentiometer for easy time delay adjustment
- · Memory and no memory options available

· LED indicates relay status





CUSTOM ENGINEERED PRODUCTS

FOR SPECIAL REQUIREMENTS

- Provides engineering and design assistance for unique applications
- Quick turnaround on prototypes and production
- Knowledge and experience to obtain agency approval on custom products
- Specials may be included under the approval of Macromatic's own standard products which saves time and money

ABOUT MACROMATIC

Macromatic is a highly-responsive, independently owned manufacturer of industrial control and monitoring products. Located in Menomonee Falls, Wisconsin, Macromatic's highly trained team uses state-of-the-art equipment and proven quality control methods to produce products with superior performance.

With over 40 years of experience, Macromatic makes it easy to find a cost-effective solution for your application.



INDUSTRIES SERVED – PLUS MORE

- Water/Wastewater
- Motor Control & Protection
- Material Handling
- Generator Control
- Food & Beverage Processing
- Irrigation

- Elevator Control
- Pump Control
- Packaging Equipment
- Car Wash Systems
- HVACR
- Compacting

WHY CHOOSE MACROMATIC?

- Five-year warranty
- Short lead-times
- UL) LISTED MODEL ASSESSMENT
- Advanced technical support
- Superior customer service





