

INDUSTRIAL CONTROL & MONITORING PRODUCTS



Better. By Design.

EQUIPMENT PROTECTION & MONITORING

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



- Bi-color LED status indication for normal & fault conditions
- Protection against single phasing regardless of any regenerative voltages

VOLTAGE MONITOR RELAYS

PROTECT EQUIPMENT AGAINST ABNORMAL VOLTAGE

- Monitored ranges include 24-240V 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

PUMP CONTROL

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



PUMP SEAL FAILURE RELAYS

PROTECT SUBMERSIBLE PUMPS AGAINST SEAL LEAKAGE

- Indicates leaking seal before premature motor failure
- Single & dual channel versions available to monitor 1 or 2 pumps
- Two sensitivity ranges: 4.7K to 100K ohms & 1K to 250K ohms
- Bi-color LED status indication of seal leakage



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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OTHER PRODUCTS

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 for everyday & unique timing functions



ABOUT MACROMATIC

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

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



CUSTOM ENGINEERED PRODUCTS

FOR SPECIAL REQUIREMENTS

For almost 40 years, design engineers and users have been able to solve the vast majority of their application challenges using many of our standard products.

Occasionally, a special need arises that cannot be met with an off-the-shelf product. Whether you require a slight modification from a catalog listed product or something designed and manufactured for a specific application, we are dedicated to providing solutions to your application needs.

Macromatic will work with your special requirements. We will provide engineering and design assistance with documentation, as well as, quick turnaround on prototypes and production.

We have the knowledge and experience to obtain agency approval on your custom products, many times including them under the approval of our own standard products which saves you time and money.

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
- HVAC
- Compacting

WHY CHOOSE MACROMATIC?

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

VISIT WWW.MACROMATIC.COM

- Cross-reference guide
- Knowledge base
- Product catalog
- Interactive product builder
- FAQs
- Product data sheet
- Installation sheet
- Where to buy



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 surface-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.