Components for interference-free operation

Safety and system availability requirements are constantly on the increase – across all industries. Processes are becoming more and more complex, not only in the mechanical engineering and chemical industries but also in plant and automation technology contexts. The demands placed on power engineering are also constantly on the rise.

It is only by continuously monitoring key network and system parameters that error-free, and therefore cost-effective, operation can be achieved. Electronic monitoring relays from the EMD series are available for a wide range of monitoring tasks so that the consequences of errors can be avoided or kept within limits.

Performance characteristics

The operating states are indicated using color LEDs. Any errors that occur can be sent to a controller via a floating contact or can trigger a shutdown of part of the system. Some device versions are equipped with startup and response delays so that measured values outside the set monitoring range can be briefly tolerated.

Compact timer relays with a narrow 6.2 mm housing or multifunctional timer relays are available for controlling time sequences in a production and process engineering context.

Monitoring relays

Compact timer relays

Monitoring relays

The monitoring relays from the EMD series offer a cost-effective solution for monitoring quantities such as current, voltage, phase parameters, winding temperature, motor load, and fluid level.

Timer relays

There are compact relays available with slim 6.2 mm housing, an adjustable time range, and a single function. Alternatively, there are various multifunctional timer relays to choose from.

Special function modules

The special function modules are packed with straightforward functions (right down to component level) for industrial applications and feature a professional connection method.

Examples include diode modules, lamp testing modules, and display modules.

Adjustable time range

Multifunctional timer relays

Special function modules