Elestronic OFF-Delay Timer

High precision electronic OFF-Delay timer with preset timing (1s – 10s), which works in the temperature range from -40°C to +85°C. Open collector output is provided to drive the output relay. The output is activated by making short connection between two input terminals (high output level changes to the low, i.e. enables energization of the output relay). After the input terminals are disconnected, the output remains active (low) for the preset time interval and after the preset time elapses becomes inactive (high).
Typical application: Various off-delay timing functions in industrial and signaling circuits.

Figure 1. OFF DELAY TIMER

Main Technical Characteristics:

- Temperature range: -40°C to +85°C;
- Preset timing range on request: (2s – 10s);
  Typical timing value: (4 s);
- Timing accuracy: 0.1 s;
- Output changes from high to low, i.e. allows energization of the output relay when two input terminals are short connected;
- Open collector output for 24V DC relay is available (Output relay not included);
- Timing starts by braking the short connection between two input terminals;
- Output remains low, i.e. allows energization of the output relay until preset time elapses after the two input terminals are disconnected;
- Power supply: 24V DC;
- Power consumption: 10 mW (without external output relay);
- Size of the box: W=35mm; H=86mm; D=57mm;
- Protection: IP 20.
- Placement: DIN rail (EN50022);
- Connector: 5 pin, 2.5 mm.
- Delivery time: 30 days;
- Warranty: 2 years;
- References: level crossing protection systems ELC (Signalling & Control) and LCLC DL2000 (Siemens);
- Price: on request

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