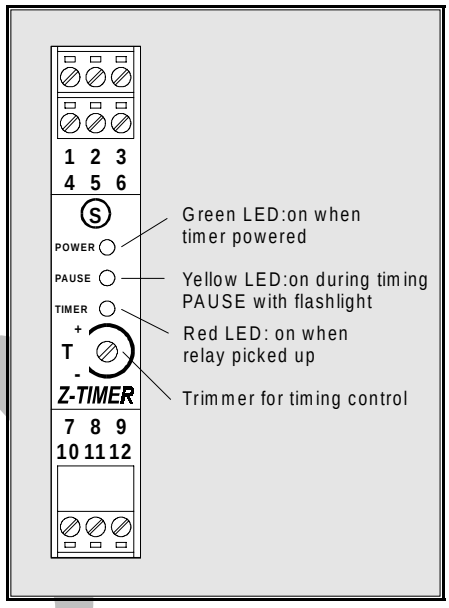
Z-TIMER MICROPROCESSOR ELECTRONIC TIMER
8 FUNCTIONS, 8 TIME-SCALES, UNIVERSAL POWER SUPPLY

Microprocessor electronic Timer in “V0” self-extinguishing glass filled nylon case. Case is the width of 1 DIN module and is designed to fit on 35 mm mounting rail (DIN 46277)

- 8 Functions set by DIP-switches
- 8 Time-scales from 50 ms to 10 h set by DIP-switches
- Universal power supply 12 - 24 Vdc-ac and 110 - 220 Vac
- Relay output with 1 SPDT switch with capacity of 8 A 250 Vac (resistive load)
- External START and TIMING PAUSE commands from voltage-free contact
- Front panel with signals indicating power ON, relay pick-up, timing and timing pause.



FUNCTIONS

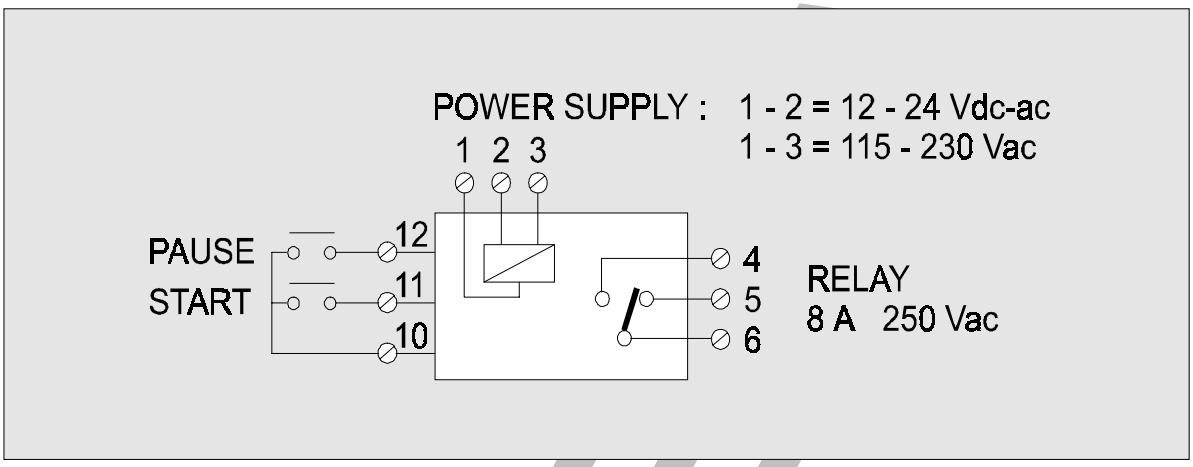
1 2 3	T	When the timer is powered up, timing with de-energised relay begins automatically. When the timing period has elapsed, the relay picks up until power is cut to the timer.
1 2 3	T	When the timer is powered up, timing with picked-up relay begins automatically. When the timing period has elapsed, the relay drops out.
1 2 3	T T T T	When the timer is powered up, cyclic timing begins automatically (with work time identical to pause time). The first timing occurs with the relay de-energised. The cycle finishes when power is cut to the timer.
1 2 3	T T T T	When the timer is powered up, cyclic timing begins automatically (with work time identical to pause time). The first timing occurs with the relay picked-up. The cycle finishes when power is cut to the timer.
1 2 3	START T	When the START contact closes, this makes the relay pick up and timing begins. When the timing period has elapsed, the relay drops out independently of re-opening of the START contact.
1 2 3	START T	When the START contact closes, this makes the relay pick up, timing beings when the contact re-opens. When the timing period has elapsed, the relay drops out. Closing of the START contact during timing resets elapsed time and starts a new timing period when the contact re-opens.
1 2 3	START T	When the START contact re-opens, the relay picks up and timing begins. When the timing period has elapsed, the relay drops out.
1 2 3		When the DIP-switches are in this position, the relay always stays picked up without timing.

PAUSE: For all functions, when the PAUSE contact closes during timing, this stops the time count which restarts from that value when the PAUSE contact is re-opened.

TIME-SCALES

							
0,05 s - 1 s	0,5 s - 10 s	3 s - 1 m	15 s - 5 m	30 s - 10 m	1 m 30 s - 30 m	3 m - 1 h	30 m - 10 h

ELECTRICAL CONNECTIONS



TECHNICAL SPECIFICATIONS

Power supply :	12 – 24 Vdc-ac ± 10 % - Consumption max 2W 115 – 230 Vac ± 10 % 50 – 60 Hz. - Consumption max 14 VA
Controls :	Voltage free contact: START TIMING. Voltage free contact: TIMING PAUSE
Output :	Relay with one SPDT switch 8 A 250 Vca (resistive load)
Ambient conditions :	Temperature: -10 .. + 60 °C Humidity min: 30 %, max 90 % a + 40 °C non condensating
Dimensions : Weight :	(b x h x d) : 17,5 x 100 x 112 mm Approx. 200 g.
Standards : CE	The instrument conforms to the following standards: EN50081-2 (electromagnetic emissions, industrial ambient) EN50082-2 (electromagnetic immunity, industrial ambient) EN61010-1 (safety)

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