

CP 1-N

DIGITAL TIMER



2 Inputs
774.999 s

1 ms resolution
integrated printer
stamped measures

Portable timer for the measures of time and pulse cycles.

CPI-N is used to measure the opening and closing time of contacts or presence and absence of voltage in DC or AC.

CPI-N is particularly suited for protective relays, circuit breakers and auxiliaries relay. The timer can be used alone or in combination with an injection testcase.

Présentation

- Waterproof and dust case with a handle.
- Dimensions: 270x146x174 mm
- Weight: 3.9 kg
- Power supply 100..240Vac single phase 2 poles +earth 47..63 Hz. P = 30VA.
- Protection by varistor and fuse

Timer inputs

- 2 Inputs voltage or dry contacts configurable(11 to 250 Vdc/ 35 to 250 Vac)
- inputs are isolated from one another and relative to the earth. Insulation 750Vac/1000Vdc
- Connection on 4 mm safety sockets..
- Time measurements from 1ms to 774.999s
- Accuracy : +/- 1 ms +/-0.02% of the value
- Protected with varistor and fuse

Output Information : programmable contact

- 1 contact output with programmable delay from the start of the timer from 0 to 60s in steps of 1 ms
- The contact can be used in pulse mode(from 1 to 60 s in steps of 1 ms). This mode is done to avoid unnecessary used of breaker trip coils. The contact is also suitable for continuous mode so the pulse mode is disabled.
- Normally Open or Normally Closed programmable Contact
- Breaking contact : 20A/250 Vac/dc. Protected with varistor and fuse on front panel.

Timer functions

- 1 start channel configurable in internal or external start (START input is waiting NO, NF or change of state NO+NF)
- 1 start channel configurable in internal or external stop (STOP input is waiting NO, NF or change of state NO+NF)
- Time measuring and pulse
- Outputs contact NO/NF are synchronous or shifted from the start of the timer
- Measurements are stamped
- Loading specific firmware via USB

Options

- Thermal printer on front panel. Paper width 58mm
- Cable sets



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