

**WDP-Q-mini
WDP-Y-mini**


The photo shows both models with the front cover removed.

General

The Master Clock is intended for operation of separate analogue or digital Slave Clocks and Time Recorders. A built in temperature compensated quartz crystal oscillator ensures high accuracy even at fluctuating ambient temperature. To achieve absolute accuracy, radio synchronization with the transmitters of time code signals type DCF-77 (Germany), MSF RUGBY (Great Britain) or GPS (Global Positioning System) is available optionally.

The Master Clock has fully automatic correction of summer/winter time.

Correction is made by rapid impulsing or by blocking the outgoing pulses.

The unit is equipped with complete front cover.

The Master Clock Programmer WDP-Y-mini is a combination of Master Clock, with the above characteristics, and weekly based Programmer for control and regulation of energy and consumers, such as e.g. break bells, door locks, lighting etc.

ON/OFF and signal/pulse (1-59 seconds) of the relay output can be programmed.

Technical data

| | |
|----------------------|--|
| Time base: | Temperature compensated quartz crystal |
| Accuracy: | ± 1 min/year at 0°C up to +40°C ± 4 min/year at -20°C up to +50°C |
| Connection voltage: | 230V 50Hz AC -5% +10% |
| Connection effect: | 6 VA |
| Ambient temperature: | -20°C up to +50°C |
| Relative humidity: | Max. 85% non-condensing |
| Size: | 165 x 120 x 75 mm. |
| Protection class: | IP55 |
| CE-Approval, EMC: | Emission acc. to EN50081-1, Immunity acc. to EN50082-2. |

Further datas on overleaf.

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Impulse output

Type of impulse: 24 V DC polar reversing 1/1-min.impulses.
Max. load impulse output: 100 mA
(The output with electronic short circuiting protection, which resets automatically).
Impulse duration: Default 2 seconds, selectable 0,5 – 4 seconds.
Impulse memory: 24 hours (impulse memory with rapid impulsing after a power failure).

Relay output (only WDP-Y-mini).

Program: Daily/weekly based ON/OFF or signal/pulse 1-59 seconds.
Signal points: 40.
Program memory: 200 years.
Type of relay: 1 changing potential-free contact.
Max. load: 230V 6A cos 0,7.
Total load relay output: 6A.

| Type | Article Number | Impulse | Relay | Connection | Weight kgs. |
|------------|----------------|---------|-------|------------|-------------|
| WDP-Q-mini | 121340-00 | Minute | - | 230 V AC | 1,0 |
| WDP-Y-mini | 121346-00 | Minute | 1 | 230 V AC | 1,0 |