

**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:	Emmission 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 VAC	1.0