



WDP-Q = Master WDP-Y = Master Clock Programmer WYP = Programmer

Type	Art. no.	Imp.	Relay	Connection	Dimensions WxHxD (mm)	Weight
WDP-Q	122310-00 122312-00	MIN 1A MIN 1A	- -	24 V DC 230 V AC	190X160X103	0,9 kg 1,3 kg
WDP-Q60	122320-00 122322-00	MIN+SEK 1A MIN+SEK 1A	- -	24 V DC 230 V AC	190X160X103	0,9 kg 1,9 kg
WDP-Y2	122340-00 122342-00	MIN 1A MIN 1A	2● 2●	24 V DC 230 V AC	190X160X103	1,0 kg 1,4 kg
WDP-Y4	122345-00 122347-00	MIN 1A MIN 1A	4(2●+2□) 4(2●+2□)	24 V DC 230 V AC	265X217X135	1,1 kg 1,5 kg
WDP-Y8	122350-00 122352-00	MIN 1A MIN A1	8(2●+6□) 8(2●+6□)	24 V DC 230 V AC	265X217X135	1,2 kg 1,7 kg
WDP M+S	122360-00 122362-00	MIN+SEK 2A MIN+SEK 2A	8(2●+6□) 8(2●+6□)	24 V DC 230 V AC	265X217X135	1,3 kg 2,5 kg
WYP4- MINI	121306-00 121308-00	- -	4(2●+2□) 4(2●+2□)	24 V DC 230 V AC	190X160X103	0,9 kg 1,1 kg
WYP-8	121320-00 121322-00	- -	8(2●+6□) 8(2●+6□)	24 V DC 230 V AC	265X217X135	1,1 kg 1,4 kg
EXPANSION*	121330-00 122332-00	- -	9-16**● 9-16**●	24 V DC 230 V AC	265X217X135	1,0 kg 1,4 kg
WDP-COMPUTER	121380-00	Time to computers, see separate data sheet		230 V AC	190X160X103	0,9 kg
WDP-WT	122369-00	Time to world time clocks, see separate data sheet		230 V AC	265X217X135	1,9 kg
WDP-C	122368-00	Time to Church Bells, see separate data sheet		230 V AC	265X217X135	1,7 kg

● Potential free relay contacts (changing)      \*) = Only for WDP-Y8 and WYP-8  
 □ Potential free relay contacts (closing)        \*\*) = Expansion up to 64 relay outputs

## ACCESSORIES/OPTIONS

- Running reserve 500 mAh, approx. 7 hours (built-in)      122391-00
- Running reserve 2,0 Ah (separate case)                      122998-00
- Radio synchronization RDS                                      122983-00
- Radio synchronization DCF-77                                 122984-10
- Radio synchronization DCF-77L (long distance)         122984-12
- Radio synchronization GPS                                     122982-00
- RS 232-output 3-polar     122392-00
- RS 232-output 25-polar    122393-00
- RS 485-output (big case)                                        122396-00
- Synchronisation input    122394-00
- Slave input    122395-00
- Lockable front cover    042008-10
- Adapter for DIN-angle mounting (small case)             042035-00
- Softwares for time to computers.                             Quotation on request

## TECHNICAL DATAS

Crystal frequency:..... 4,915200 MHz  
 Accuracy:..... 0,1 sec./24 hours (at +20°C)  
 Microprocessor: ..... HD6303Y  
 Max. load impulse output: ..... Minute 1 A, seconds 0,5 A  
 The output is equipped with short circuiting protection which resets automatically.  
 Impulse duration:..... Minute 2 seconds, selectable 1-4 seconds  
 Second 0,5 seconds. Selectable 0,1-1 second  
 Running reserve - impulse: ..... 72 hours (impulse memory with rapid impulsing after a power failure).  
 Memory reserve:..... 10 years (lithium battery)  
 Relay outputs: ..... 2,4 or 8 potential-free contacts  
 Max. load/relay output: ..... 230 V 6 A  
 Total load relay outputs: ..... Number of relay outputs x 6A.  
 Connection voltage: ..... 230 V 50 Hz± 10% alternatively 24 DC -5% +20%  
 Connection effect: ..... 10-60 VA depending on model  
 Ambient temperature: ..... 0° C up to +40° C  
 Relative humidity: ..... Max. 85%, non-condensing  
 Case: IP 54, light grey plastic (Polystyrol) with transparent protection cover  
 CE-Approval, EMC:..... Emmission according to EN50081-1, Immunity according to EN50082-2.