

# Indoor Clocks

## single face



Indoor  
analog  
single face

Type series  
**281**



81.281.311 shown

Wall clocks with sturdy **metal cases** with shock-resistant front glasses. State-of-the-art, up-to-date, functional – totally reliable!



71.281.311

Slave clock, minute pulse 12...60 V

### Case

- cir. 275x275 mm
- cir. 325x325 mm
- cir. 425x425 mm

very sturdy metal case, enamelled white (RAL 9016). Optionally, at a surcharge, enamelled in metallic silver grey (RAL 9006), in dark gun metal (DB 703) or custom enamelled, as listed below.  
Protection grade IP 40 (EN 60529).

### Front glass

Flat shock-resistant Plexiglas® XT for outstandingly clear visibility.

### Face

High distinction white metal with black Arabic numerals for easy, doubt-free reading even over longer distances. Face printed according to DIN 41 091.

### Hands

Black bar-type hour and minute hands, red second hand.

No second hand on minute pulse 12...60 V controlled slave clocks.



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### Power outage reserve

DCF77 radio controlled clocks and AirPort24 slave clocks with a 230 VAC power supply of this type series provide continued operation for approx. 14 days in case of a mains power outage.

Clock type	Face dimensions ▶	250 x 250 mm		300 x 300 mm		400 x 400 mm	
		Item No.	€ each	Item No.	€ each	Item No.	€ each
Quartz clock, battery operated 1.5 V		41.281.211	178.–	41.281.311	180.–	41.281.411	274.–
DCF77 radio controlled clock, battery operated 1.5 V		51.281.211	233.–	51.281.311	235.–	51.281.411	339.–
DCF77 radio controlled clock, mains operated 230 VAC, with outage reserve		52.281.211	313.–	52.281.311	315.–	52.281.411	419.–
Slave clock, minute pulse 12...60 V		71.281.211	193.–	71.281.311	195.–	71.281.411	279.–
Slave clock, minute/second pulse 12/24 V		72.281.211	438.–	72.281.311	440.–	72.281.411	524.–
Slave clock, minute/second pulse 12/24 V, extra low noise motion		73.281.211	558.–	73.281.311	560.–	73.281.411	644.–
Slave clock, minute pulse 12/24 V, synchronous second hand 230 VAC/50 Hz		74.281.211	603.–	74.281.311	605.–	74.281.411	689.–
Slave clock, second pulse 12/24 V, with creeping minute hand		75.281.211	578.–	75.281.311	580.–	75.281.411	664.–
Telegram slave clock, DCFport24		81.281.211	228.–	81.281.311	230.–	81.281.411	314.–
RC telegram slave clock, AirPort24, battery operated 1.5 V		84.281.211	347.–	84.281.311	349.–	84.281.411	433.–
RC telegram slave clock, AirPort24, mains operated 230 VAC, with outage reserve		85.281.211	407.–	85.281.311	409.–	85.281.411	493.–
NTP system clock (NTP client), synchronisation by LAN, PoE <sup>1)</sup>		91.281.211	377.–	91.281.311	379.–	91.281.411	463.–

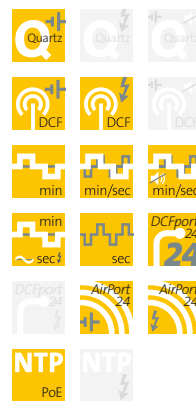
Options	250x250mm Suffix	Surcharge € each	300x300mm Suffix	Surcharge € each	400x400mm Suffix	Surcharge € each
Case enamelled in metallic silver grey RAL 9006	-05	10.–	-05	10.–	-05	10.–
Case enamelled in metallic dark gun metal DB 703	-06	10.–	-06	10.–	-06	10.–
Case custom enamelled	-10	on request	-10	on request	-10	on request
External DCF77 receiving aerial (cannot be added later)	-60	169.–	-60	169.–	-60	169.–

### Options – just as you like them ...

These clocks are available optionally with customised features at the surcharges as listed. Just pick your option(s) and add the appropriate suffix(es) to the Item No.

Case colour	Suffix
metallic silver grey RAL 9006	-05
dark gun metal DB 703	-06
custom enamelled	-10

### Type series 281



### DCF77 radio controlled clocks

DCF77 radio controlled clocks will only function correctly within a radius of approx. 1,500 km around Mainflingen (50 km east of Frankfurt/M.) and under conditions of free radio propagation and may be impaired in heavily reinforced concrete structures. For this case we recommend a removable DCF77 aerial (option).

### PEWETA DCFport24

PEWETA DCFport24 slave clocks require a PEWETA master clock (see from page 178 on).

### PEWETA AirPort24

PEWETA AirPort24 slave clocks require an AirPort24 transmitter or repeater respectively (see page 183).

### NTP

NTP system clocks require a PEWETA master clock (see from page 178 on) or an NTP time server (see page 185).

<sup>1)</sup>NTP system clocks of "PoE" type require a PoE (Power over Ethernet) power supply. Appropriate hardware has to be supplied by customer.