

# Indoor Clocks

## single face



Indoor  
analog  
single face

Type series  
**280**



41.280.311 shown

Wall clocks with shock-resistant plastic cases. State-of-the-art, up-to-date, functional – totally reliable!



71.280.311

Slave clock, minute pulse 12...60 V

### Case

- cir. 275 x 275 mm
  - cir. 325 x 325 mm
  - cir. 425 x 425 mm
- shock-resistant Plexiglas® XT case with a matted rim.  
Protection grade IP 40 (EN 60529).

### Front glass

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 41091.

### 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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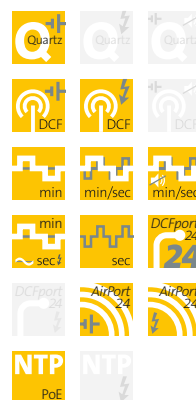
### Power outage reserve

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		41.280.211	129.–	41.280.311	134.–	41.280.411	179.–
DCF77 radio controlled clock, battery operated 1.5 V		51.280.211	184.–	51.280.311	189.–	51.280.411	244.–
DCF77 radio controlled clock, mains operated 230 VAC, with outage reserve		52.280.211	264.–	52.280.311	269.–	52.280.411	324.–
Slave clock, minute pulse 12...60 V		71.280.211	144.–	71.280.311	149.–	71.280.411	184.–
Slave clock, minute/second pulse 12/24 V		72.280.211	389.–	72.280.311	394.–	72.280.411	429.–
Slave clock, minute/second pulse 12/24 V, extra low noise motion		73.280.211	509.–	73.280.311	514.–	73.280.411	549.–
Slave clock, minute pulse 12/24 V, synchronous second hand 230 VAC/50 Hz		74.280.211	554.–	74.280.311	559.–	74.280.411	594.–
Slave clock, second pulse 12/24 V, with creeping minute hand		75.280.211	529.–	75.280.311	534.–	75.280.411	569.–
Telegram slave clock, DCFport24		81.280.211	179.–	81.280.311	184.–	81.280.411	219.–
RC telegram slave clock, AirPort24, battery operated 1.5 V		84.280.211	298.–	84.280.311	303.–	84.280.411	338.–
RC telegram slave clock, AirPort24, mains operated 230 VAC, with outage reserve		85.280.211	358.–	85.280.311	363.–	85.280.411	398.–
NTP system clock (NTP client), synchronisation by LAN, PoE <sup>1)</sup>		91.280.211	328.–	91.280.311	333.–	91.280.411	368.–
Option		250x250mm Suffix	Surcharge € each	300x300mm Suffix	Surcharge € each	400x400mm Suffix	Surcharge € each
External DCF77 receiving aerial (cannot be added later)		-60	169.–	-60	169.–	-60	169.–

Type series

# 280



### 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.