

# Indoor Clocks

## single face



Indoor  
analog  
single face

Type series

**280**



51.280.331 shown

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



71.280.331

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 60 529).

### Front glass

Shock-resistant Plexiglas® XT for outstandingly clear visibility.

### Face

High distinction white metal with black fine-line markings 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.

### Power outage reserve

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

### Plexiglas® XT

Plexiglas® XT is i. a. suited for use in food-processing plants.



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### 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 184 on).

### PEWETA AirPort24

PEWETA AirPort24 slave clocks require an AirPort24 transmitter or repeater respectively (see page 189).

### NTP

NTP slave clocks require an NTP time server (see page 191).

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
Synchronous clock, mains operated 230 VAC/50 Hz		21.280.231	134.-	21.280.331	144.-	21.280.431	169.-
Quartz clock, battery operated 1.5 V		41.280.231	89.-	41.280.331	99.-	41.280.431	125.-
DCF77 radio controlled clock, battery operated 1.5 V		51.280.231	146.-	51.280.331	156.-	51.280.431	198.-
DCF77 radio controlled clock, mains operated 230 VAC, with outage reserve		52.280.231	224.-	52.280.331	234.-	52.280.431	276.-
Slave clock, minute pulse 12...60 V		71.280.231	109.-	71.280.331	119.-	71.280.431	139.-
Slave clock, minute/second pulse 12/24 V		72.280.231	314.-	72.280.331	324.-	72.280.431	344.-
Slave clock, minute/second pulse 12/24 V, extra low noise motion		73.280.231	459.-	73.280.331	469.-	73.280.431	489.-
Slave clock, minute pulse 12/24 V, synchronous second hand 230 VAC/50 Hz		74.280.231	499.-	74.280.331	509.-	74.280.431	529.-
Slave clock, second pulse 12/24 V, with creeping minute hand		75.280.231	474.-	75.280.331	484.-	75.280.431	504.-
Slave clock, DCFport24 pulse telegram		81.280.231	123.-	81.280.331	133.-	81.280.431	154.-
Slave clock, AirPort24 radio controlled telegram, battery op. 1.5 V		84.280.231	221.-	84.280.331	231.-	84.280.431	252.-
Slave clock, AirPort24 radio controlled telegram, mains operated 230 VAC, with outage reserve		85.280.231	281.-	85.280.331	291.-	85.280.431	312.-
Slave clock, NTP synchronisation by LAN (NTP client), PoE <sup>1)</sup>		91.280.231	288.-	91.280.331	298.-	91.280.431	319.-
Option		250x250mm Suffix	Surcharge € each	300x300mm Suffix	Surcharge € each	400x400mm Suffix	Surcharge € each
External DCF77 receiving aerial (cannot be added later)		-60	149.-	-60	149.-	-60	149.-

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