

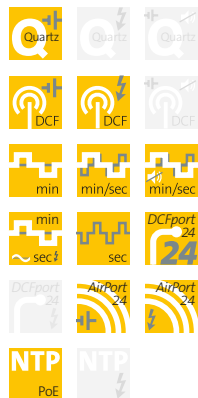
Indoor Clocks

single-sided



Indoor
analog
single-sided

Type series
250



81.250.311 shown

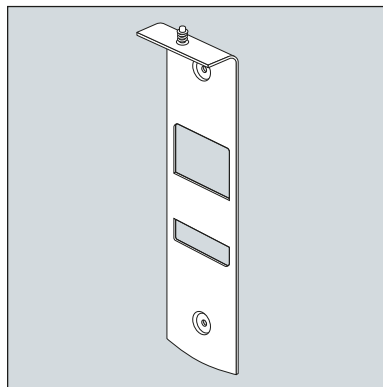


71.250.321



51.250.331

Highly presentable clocks for demanding environments – a professional means of showing the time.



This Snap-tight fixture (option -57) prevents the clock from dropping or being wrenched off. Screw fixture to the wall, attach clock – done! No protection against thrown balls.



Optionally available with case enamelled in colours

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.

Stainless steel V2A (option)

Due to its components stainless steel V2A is an alloy almost completely impervious to detergents and disinfectants and is therefore excellently suited for the use in the food and pharmaceutical industries, in kitchens, laboratories and other clean rooms. And it looks good into the bargain, as well!

Protection grade IP54 (option)

The IP protection grade defines the product's grade of protection against contact, foreign solid objects, and water.

The **first digit** indicates the degree of protection against solid foreign objects and contact:

5 = harmful amounts of dust deposits (Dust deposits are acceptable, but may not impede the product's function).

The **second digit** indicates the degree of protection against liquids and water respectively:

4 = Protection against water sprayed from all directions..

Case

■ cir. 300 mm diameter

■ cir. 400 mm diameter

very sturdy metal case, as standard enamelled metallic silver grey (RAL 9006) or, as an option, enamelled in colours (see list below).

As an option, a stainless steel case (1.4301 X5CrNi 18-10, German trade name V2A) is available in a matted finish. Protection grade IP 40 (EN 60529).

Snap-tight fixture (option)

As an option, these clocks are available with an additional mounting fixture to prohibit dropping or wrenching off. No protection against thrown balls.

Front glass

Domed mineral glass on 300 mm case, shock-resistant Plexiglas® XT on 400 mm case as standard. As an option, low reflectivity front glass is available.

Packaging (option)

As an option, clockwork packaged to protect it against blown dust and/or sprayed water (IP 54 according to EN 60529) is available.

Face

High distinction white metal with black Arabic numerals, black DIN bar markings or 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.



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Clock type	face diameter ▶	300 mm Item No.	€ each	400 mm Item No.	€ each
Quartz clock, battery operated 1.5 V		41.250.	195.-	41.250.	291.-
DCF77 radio controlled clock, battery operated 1.5 V		51.250.	251.-	51.250.	358.-
DCF77 radio controlled clock, mains operated 230 VAC, with outage reserve		52.250.	342.-	52.250.	449.-
Slave clock, minute pulse 12...60 V		71.250.	210.-	71.250.	296.-
Slave clock, minute/second pulse 12/24 V		72.250.	461.-	72.250.	547.-
Slave clock, minute/second pulse 12/24 V, extra low noise motion		73.250.	584.-	73.250.	670.-
Slave clock, minute pulse 12/24 V, synchronous second hand 230 VAC/50 Hz		74.250.	630.-	74.250.	716.-
Slave clock, second pulse 12/24 V, with creeping minute hand		75.250.	605.-	75.250.	691.-
Telegram slave clock, DCFport24		81.250.	252.-	81.250.	338.-
RC telegram slave clock, AirPort24, battery operated 1.5 V		84.250.	395.-	84.250.	481.-
RC telegram slave clock, AirPort24, mains operated 230 VAC, with outage reserve		85.250.	460.-	85.250.	546.-
NTP system clock (NTP client), synchronisation by LAN, PoE ¹⁾		91.250.	409.-	91.250.	495.-
Face print		▲		▲	
Arabic numerals		311		411	
DIN bar markings		321		421	
Fine-line markings		331		431	

Options	300 mm Suffix	Surcharge € each	400 mm Suffix	Surcharge € each
Case enamelled in traffic white RAL 9016	-00	none	-00	none
Case enamelled in jet black RAL 9005	-01	none	-01	none
Case enamelled in metallic dark gun metal DB 703	-06	none	-06	none
Case custom enamelled	-10	on request	-10	on request
Case stainless steel V2A, matted finish	-20	110.-	-20	150.-
Low reflectivity front glass	-50	on request	-50	on request
Shock-resistant Plexiglas® XT (instead of mineral glass)	-53	59.-	fitted as standard	
Packaging against dust and spray (IP 54)	-54	69.-	-54	69.-
Snap-tight mounting fixture	-57	49.-	-57	49.-
External DCF77 receiving aerial (cannot be added later)	-60	174.-	-60	174.-

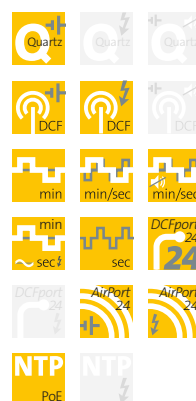
Options – just as you like them ...

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
□ traffic white RAL 9016	-00
■ jet black RAL 9005	-01
■ dark gun metal DB 703	-06
■ custom enamelled	-10
■ stainless steel V2A	-20

Type series

250



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 130 on).

PEWETA AirPort24

PEWETA AirPort24 slave clocks require an AirPort24 transmitter or repeater respectively (see page 135).

NTP

NTP system clocks require a PEWETA master clock (see from page 130 on) or an NTP time server (see page 137).

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