

# Slave Clock Control Unit

minute pulse 24 V output



Slave clock control unit

Type series

**950**



This slave clock control unit, governed by DCF77, is capable of controlling up to four indoor/outdoor slave clock movements (at 6 mA/24 V each). Specifically suited to operate in- or outdoor clocks (e.g. with advertising) and all other single, double, or 4-faced slave clocks.

By means of a DCF77 aerial the control unit receives the exact time including the trigger signal for the automatic change-over between summer and winter time. In case of impaired reception due to local conditions pulse transmission to the slave clocks connected will be kept up. After a power outage the slave clocks connected will automatically be adjusted to match the correct time. After installation the control unit operates completely autonomous and maintenance-free.

- Alternating polarity minute pulse, 24 V
- Total output power cir. 30 mA/24 V
- Output is tolerant of circuit shorting and overload
- Electronic buffer memory and update circuitry
- Fully automatic read-in of current time upon installation or after power outage, automatic change-over between summer and winter time
- Operating voltage 230 VAC/50...60 Hz, power consumption cir. 2 VA
- Weatherproof (IP 65/EN 60 529) plastic case for wall mounting indoors/outdoors or mounting on a 35 mm top hat bar. Dimensions (WxHxD) cir. 120x80x55 mm
- External DCF77 receiving aerial (IP 68/EN 60 529) with stainless steel mounting bracket included. Connecting wire (LIYCY 4x0,25 mm<sup>2</sup>), 5 m included in delivery shipment, may be extended to a maximum length of 50 m.



10.950.100 shown

| Type   | Item No.   | € each |
|--|------------|--------|
| Slave clock control unit for wall mounting           | 10.950.100 | 459.-  |
| Slave clock control unit for mounting on top hat bar | 10.950.101 | 469.-  |

| Options  | Suffix | Surcharge € each |
|--|--------|------------------|
| DCFport24 input for reading the DCFport24 telegram from a type series 921 Master Clock   | -93    | none             |
| AirPort24 input for reading the time information from the AirPort24 radio telegram provided by a type series 940 AirPort24 transmitter | -94    | 159.-            |
| Input for GPS radio control, incl. GPS aerial (IP 65/EN 60 529)  | -95    | 695.-            |
| NTP input for system time synchronisation via LAN  | -98    | 298.-            |