

# MASTERCLOCKS

müller SC 58.07 pro



## Accessories



müller FU 20.00 pro



müller FU 30.00 pro

## Overview

- For approx. 5 slave clocks (24 V DC, 35 mA, pole changing pulse)
- Short-circuit proof
- Automatic adjustment of the slave clocks
- Automatic time correction of slave clock/s after supply voltage interruption
- Repetition of the last applied minutepulse
- Fully automatic summertime change (European standard) with 60 additional pulses or 1 hour pulse suppression of the slave-clock-line
- Security by PIN-Code
- Illuminated display
- DCF function

## Highlights

- Text based Menu
- Display with a large dot matrix area to provide two high resolution text lines
- Easy handling
- Quick and intuitive programmable
- 10 years battery-reserve
- Data security through non-volatile memory

## Intended use

- The device fits for the particular use of the following tasks: Regulation of slave clocks in schools, sports halls, hospitals, factories and companies or huge buildings as well as for church clocks.
- Operate the device in a dry room only!
- The installation must be in accordance with the instruction manual.

## Order numbers

|              |                   |
|--------------|-------------------|
| ■ müller     |                   |
| SC 58.07 pro | 1 Slaveclock line |

# MASTERCLOCKS

müller SC 58.07 pro

## Order information

|                     | Voltage        | EAN           | Art. No. |
|---------------------|----------------|---------------|----------|
| <b>SC 58.07 pro</b> | 230 V 50-60 Hz | 4022709211453 | 21145    |

## Technical data master clock unit

|                          |                                                          |
|--------------------------|----------------------------------------------------------|
| Output voltage           | 24 V DC                                                  |
| Output current           | 35 mA                                                    |
| Max. number slave clocks | approx. 5 slave clocks à 7 mA                            |
| Output signal            | Pole changing pulse                                      |
| Pulse sequence           | normal operation = 1/min.<br>during adjustment = 10/Min. |
| Pulse length             | approx. 2 sec. (adjustable)                              |

## Technical data

|                                                             |                                                                                      |
|-------------------------------------------------------------|--------------------------------------------------------------------------------------|
| Supply voltages                                             | 230 V, 50-60 Hz                                                                      |
| Power consumption (real power)                              | 1,4 W                                                                                |
| Time base                                                   | Quartz<br>DCF (FU 20.00 pro)<br>GPS (FU 3x.00 pro)                                   |
| Quartz accuracy<br>(at 20 °C)                               | ±0,5 Sec./day (Quartz accuracy optimized<br>for typical ambient conditions)          |
| Power back-up (at 20 °C)                                    | approx. 10 years<br>(depends on the Lithium-battery life)                            |
| Display                                                     | high resolution LCD<br>(visible area 12,8 cm <sup>2</sup> )                          |
| Permitted ambient temperature                               | -30...+50 °C                                                                         |
| Housing                                                     | self-extinguishing thermoplastic                                                     |
| Dimensions                                                  | 45 x 71,5 x 58 mm                                                                    |
| Mounting                                                    | 35 mm DIN-rail                                                                       |
| Type of connection                                          | Screw terminals (pull-up type)                                                       |
| Type of protection                                          | IP 20 to DIN EN 60529                                                                |
| Class of protection                                         | I when installed according to regulations                                            |
| Mode of operation<br>(DIN EN 60730-1)<br>(DIN EN 60730-2-7) | 1 BSTU                                                                               |
| Degree of contamination<br>(DIN EN 60730-1)                 | 2                                                                                    |
| Rated surge voltage<br>(DIN EN 60730-1)                     | 4 kV                                                                                 |
| Accessories<br>(not included in delivery)                   | Radio receiver FU 20.00 pro<br>Radio receiver FU 3x.00 pro<br>Mini terminal box 4PLE |

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