



## SC 58.07 pro

### Masterclock

- For approx. 5 slave clocks (24 VDC, 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 minute-pulse
- 10 years battery-reserve
- Fully automatic summertime change (European standard) with 60 additional pulses or pulse suppression for 1 hour of the slave-clock-line
- Monitoring of the slave-clock-line and malfunction indicator in display
- Security by PIN-Code
- Illuminated display
- DCF function

### Further information / Accessory

**Accessory: Radio receiver DCF-Time FU 20.00 pro**  
(not included in delivery of the time switch)



**Accessory: Radio receiver GPS-Time FU 3x.00 pro**  
(not included in delivery of the time switch)



**Accessory: Mini terminal box 4PLE – 70 mm, for wall mounting**  
(not included in delivery of the time switch)

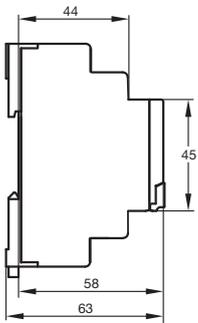
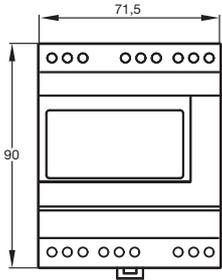
### Highlights

- Text based menu and self-explanatory symbols
- Display with a large dot matrix area to provide two high resolution text lines
- Easy handling. Quick and intuitive programmable time switch
- Can be programmed with supply disconnected
- Unlimited program security by E<sup>2</sup>-PROM

# Masterclocks (pulse provider) SC 58.07 pro

for DIN-rail mounting

## Technical data masterclock unit



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

## Technical data

<b>Supply voltages</b>	230 V, 50–60 Hz
<b>Power consumption (real power)</b>	1.4 W
<b>Time base</b>	Quartz or DCF / GPS (FU 20.00 pro / FU 3x.00 pro)
<b>Quartz accuracy (at 20°C)</b>	≅ ±0.5 sec./day (Quartz accuracy optimized for typical ambient conditions)
<b>Power back-up (at 20°C)</b>	approx. 10 years (depends on the Lithium-battery life)
<b>Display</b>	high resolution LCD (visible area 12.8 cm <sup>2</sup> )
<b>Permitted ambient temperature</b>	–30°...+50°C
<b>Housing</b>	self-extinguishing thermoplastic
<b>Dimensions</b>	45 x 71.5 x 58 mm
<b>Mounting</b>	35 mm DIN-rail
<b>Type of connection</b>	Screw terminals (pull-up type)
<b>Type of protection</b>	IP 20 to DIN EN 60529
<b>Class of protection</b>	I when installed according to regulations
<b>Mode of operation (DIN EN 60730-1)</b>	1 BSTU
<b>Degree of contamination (DIN EN 60730-1)</b>	2
<b>Rated surge voltage (DIN EN 60730-1)</b>	4 kV
<b>Accessories</b> (not included in delivery)	Radio receiver FU 20.00 pro / FU 3x.00 pro, Mini terminal box 4PLE

Order number	Number of slave-clock-lines	Channels	Time base
SC 58.07 pro	1	—	Quartz/DCF

✓ Housing colour