



## SC 58.08 pro

### Master clock

- Adapted for slave clocks up to 250 V~. A pulse amplifier is not needed.
- Automatic adjustment of the slave clocks
- Automatic time correction of slave clock/s after supply voltage interruption
- Repetition of the last applied minutepulse
- 10 years battery-reserve
- Fully automatic summertime change (European standard) with 60 additional pulses of 1 h. pulse suppression of the slave-clock-line
- 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)



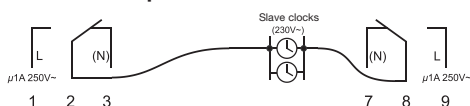
**Accessory: Mini terminal box 4PLE – 70 mm, for wall mounting**  
(not included in delivery of the time switch)

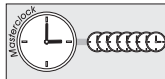
### Highlights

- 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

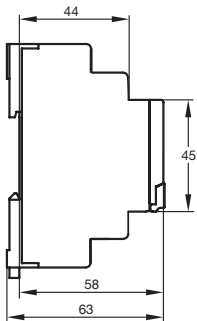
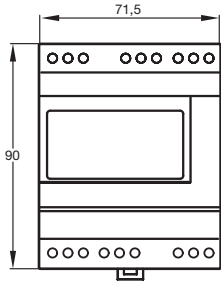
### Wiring diagram slave clocks to master clock SC 58.08 pro

#### Connection sample





## Master clock (pulse provider) SC 58.08 pro for DIN-rail mounting

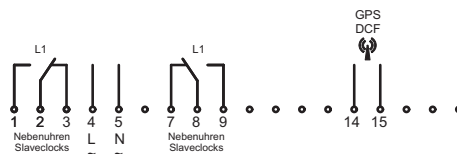


### Technical data master clock unit

<b>Voltages</b>	max. 250 V~
<b>Output current</b>	at 1 A approx. 10 years durability of the relay max. = 10 A / 250 V~ at $\cos\phi=1$
<b>Max. number slave clocks</b>	depends on slave clocks
<b>Output signal</b>	Pole changing pulse
<b>Pulse sequence</b>	normal operation = 1/min. during adjustment = 6/min.
<b>Pulse length Pulse function (switching time)</b>	1 min.

### Technical data

<b>Voltages</b>	230 V, 50–60 Hz
<b>Power consumption (real power)</b>	1.2 W
<b>Time base</b>	Quartz crystal or DCF 77 (FU 20.00 pro)
<b>Power back-up (at 20°C)</b>	approx. 10 years (depends on the Lithium-battery life)
<b>Quartz crystal accuracy (at 20°C)</b>	$\leq \pm 0.5$ sec./day (in normal use)
<b>Display</b>	high resolution LCD (visible area 12.8 cm <sup>2</sup> )
<b>Permitted ambient temperature</b>	-5°...+50°C
<b>Enclosure</b>	self-extinguishing thermoplast
<b>Dimensions</b>	45 x 71.5 x 58 mm
<b>Distribution board mounting</b>	35 mm section rails (DIN EN 60715)
<b>Type of connection</b>	Screw terminals (pull-up type)
<b>Type of protection</b>	IP 20 to DIN EN 60529
<b>Accessories (not included in delivery)</b>	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 58.08 pro	1	—	Quartz/DCF

▼ Housing colour