



Save time

## SC 58.08 pro

### Masterclock

- 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 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)



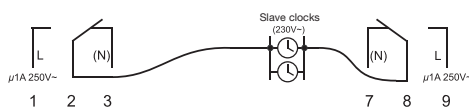
**Accessory: Mini terminal box 4PLE – 70 mm, for wall mounting**  
(not included in delivery of the time switch)

### 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

### Wiring diagram slave clocks to masterclock SC 58.08 pro

#### Connection sample



# Masterclocks (pulse provider) SC 58.08 pro

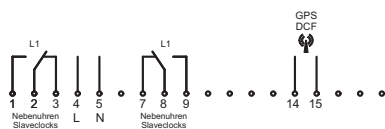
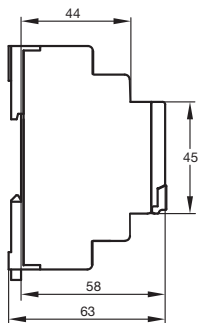
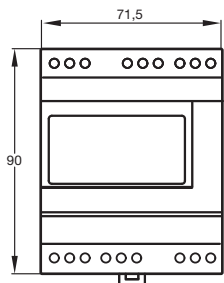
for DIN-rail mounting

## Technical data masterclock unit

Supply voltages	max. 250 V~
Output current	at 1 A approx. 10 years durability of the relay max. = 10 A / 250 V~ at cosφ=1
Max. number slave clocks	depends on slave clocks
Output signal	Pole changing pulse
Pulse sequence	normal operation = 1/min. during adjustment = 6/min.
Pulse length	approx. 8 sec. (adjustable)

## Technical data

Supply voltages	230 V, 50–60 Hz
Power consumption (real power)	1.2 W
Time base	Quartz or DCF / GPS (FU 20.00 pro / FU 3x.00 pro)
Quartz accuracy (at 20°C)	≤ ±0.5 sec./day (Quartz accuracy optimized for typical ambient conditions)
Power back-up (at 20°C)	approx. 10 years (depends on the Lithium-battery life)
Display	high resolution LCD (visible area 12.8 cm²)
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 (DIN EN 60730-1)	1 BSTU
Degree of contamination (DIN EN 60730-1)	2
Rated surge voltage (DIN EN 60730-1)	4 kV
Accessories (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 58.08 pro	1	—	Quartz/DCF

✓ Housing colour