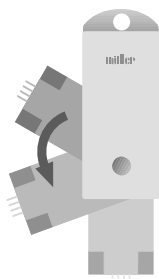


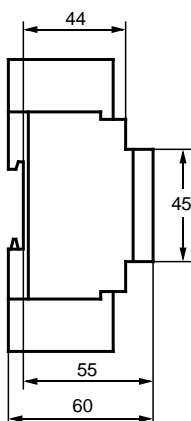
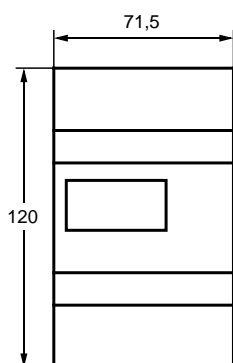
Programmable time switch SC 88

for DIN-rail and wall mounting

Additional module: Save 'n carry



- 1, 2, 3 or 4 channels
 - Daily and weekly program
 - 97 memory locations
 - ON, OFF or pulse functions (01...59 sec.)
 - Holiday switching 1...99 days (Permanently ON or OFF)
 - Minimum interval 1 min. (or 1 sec. with pulse)
 - Permanently ON or OFF with manual switch (PERM ON/OFF)
 - Manual override
 - Unrestricted block-programming of days, channels and switching functions
 - Time switch can be programmed with supply disconnected
 - Alteration of switching times
 - Glass cover and terminal cover may be lead-sealed
 - DCF 77 radio link with FU 20 (one FU 20 receiver can connect to 10 SC)
 - Fully automatic summertime when date entered (European standard)
 - Increased interference suppression with transformer-coupled supply
 - Compact 70 mm wide housing
- Data Storage Key, for fast and simple program storage and transfer, with or without supply to time switch
 - Program overwrite protection



Type/Order No	Channels	Time base
SC 88.10	1	Quartz/DCF
SC 88.20	2	Quartz/DCF
SC 88.30	3	Quartz/DCF
SC 88.40	4	Quartz/DCF
SC 88.44*	4	Quartz

* with DCF output signal without radio link connection

Programmable time switches

3

Programmable time switch SC 88

for DIN-rail and wall mounting

Programming options:

Each channel has:

- Daily or weekly programming
- Holiday switching 1...99 days (Permanently ON or OFF)
- Permanently ON or OFF with manual key

Operating mode

Automatic (AUTO)

Normal operation of programmable time switch; with display of day of the week, clock time, channel switching status, for current day switching program (channels A,B or C,D).

Alteration of switch status

Programming (Pr)

Switching time inputs

Select, Change, Delete (?)

Readout, change, individual deletion of switching times or clearing of all switching times

Clock time (⊕)

Input of current day and time

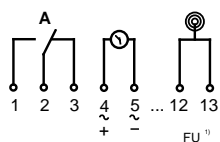
Summertime (S/W)

On entering current date, including year (2digit), adjustment is made automatically for summertime (European standard)

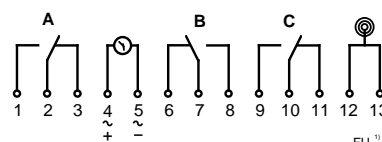
Technical data	
Supply voltage	230 V, 50-60 Hz, other voltages on request
Power consumption	2 VA
Channels (potential-free)	channel A-C: change-over · channel D: normally open contact gap < 3 mm (μ)
Contact material	AgCdO
Switching capacity (per channel)	10 A / 250 V ~ at cosφ=1
Switching functions	ON, OFF, pulse
Pulse length	01...59 sec., digital adjustment
Memory locations	97
Minimum interval	1 min. (1 sec. impulse mode)
Time base	Quartz crystal or DCF 77 (FU 20)
Power back-up (at 20°C)	>10 years (can be programmed by keypad or data key)
Quartz-crystal accuracy (at 20°C)	≤± 1.5 sec/day
Display	LCD, 7 mm high numerals
Permissible ambient temperature	-5°...+50°C
Enclosure	self-extinguishing thermoplastic, black
Dimensions	45 x 71.5 x 55 mm
Distribution board mounting	35 mm section rails (DIN EN 50 022)
Surface mounting	Wall mounting with terminal cover, may be lead-sealed
Type of connection	Screw terminals (Pull-up type)
Type of protection	IP 20 to DIN 40 050
Class of protection	II when installed according to regulations
Module connection	FU 20, DCF 77 radio link
Accessories	Data storage key 092.001.009

Connection layout

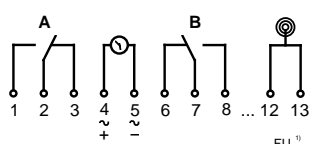
SC 88.10 (1 channel)



SC 88.30 (3 channels)



SC 88.20 (2 channels)



SC 88.40/44 (4 channels)

