

# KNX TIME SWITCHES

## Digital time switches SC 98.40 knx



### Overview

- Yearly time switch Buildingautomation KNX
- DIN-rail mounting 70mm
- 4 channels
- Daily, weekly and yearly program
- 300 memory locations
- 10 years battery-reserve
- Minimum interval 1 min.
- Up to 300 permanent switchings by date
- Manual permanent mode
- Manual override
- Automatic sorting of switching times on readout
- Unrestricted block programming
- Fully automatic daylight saving time
- Elapsed time and pulse counter
- Pulse function
- Cycle function
- Timer function
- Channel button function
- DCF function
- Security by PIN-Code
- Illuminated display
- Data-key function
- Random switching for each channel (via ETS)

### Accessories



DK pro



PP 50.00 pro



PP 60.00 pro



FU 20.00 pro



FU 3x.00 pro

### Order numbers

■ müller	Digital Yearly time switch KNX 4-channels
SC 98.40knx	

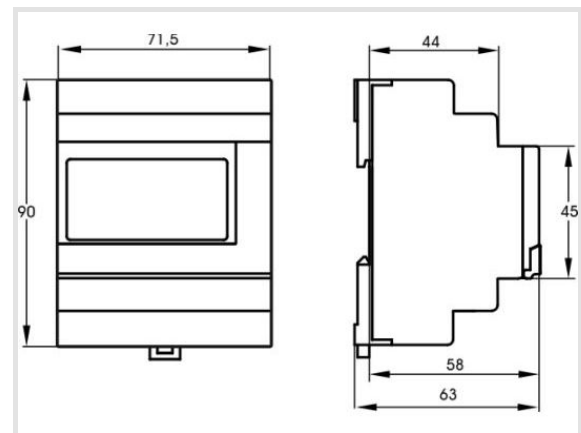
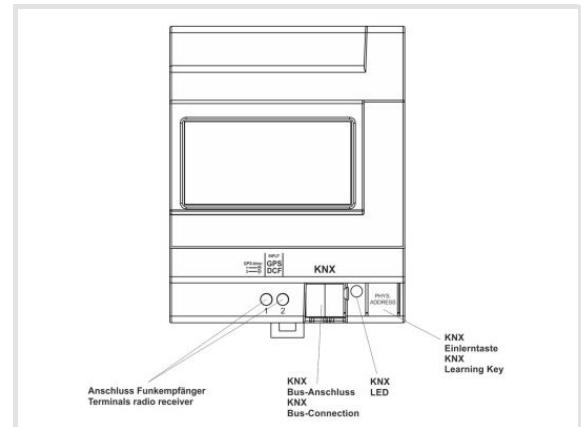
Technische Änderungen vorbehalten.

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### Technical data

Supply voltage	via KNX-Bus voltage
Bus current	max. 25 mA
Bus system	KNX
Switching functions	ON
	OFF
	pulse
	cycle
Pulse length Pulse function (switching time)	00:01 up to 59:59 mm:ss
	0:00:01 up to 9:59:59 h:mm:ss
Pulse length Timer (man. switching)	0:00:01 up to 9:59:59 h:mm:ss
Pulse/Pause length Cycle	0:00:01 up to 9:59:59 h:mm:ss
Memory locations	300
Minimum interval	1 min.
Time base	Quartz
	KNX-Bus DCF/GPS (optional accessory)
Quartz accuracy (at 20°C)	≤ ±0,25 Sec./day (Quartz accuracy optimized for typical ambient conditions)
Power back-up (at 20°C)	approx. 10 years (depends on the Lithium-battery life)
Program security	unlimited (E <sup>2</sup> -PROM)
Display	high resolution LCD (visible area 12,8 cm <sup>2</sup> )
Permitted ambient temperature	-30°...+55°C
Housing	self-extinguishing thermoplastic
Dimensions	45 x 71,5 x 58mm
Mounting	35 mm DIN-rail
Type of connection	KNX-Bus-terminal Screw terminals (for radio receiver)
Type of protection	IP20 to DIN EN 60529
Class of protection	II when installed according to regulations
Accessories (not included in delivery)	Data-key DK pro
	Programming package PP50 pro / PP60 pro
	Radio receiver DCF-time FU 20.00 pro
	Radio receiver GPS-time FU 3x.00 pro Radio receiver GPS for KNX FU 40.00 knx



### Following data and functions will be offered for the KNX bus:

Switching [1 bit]	Time dependent switching
Priority [2 bit]	Priority/control based switching
Value [1 byte]	Transmits a 1 byte integer number
Value [2 byte]	Transmits a 2 byte integer number
Float [2 byte]	Transmits a 2 byte floating point number
Float [4 byte]	Transmits a 4 byte floating point number
Scene control [1 byte]	Up to 64 scenes
HVAC [1 byte]	Heating ventilating air conditioning
4x Logic Gates	With and/or/xor/and with feedback. Each with up to 4 logic inputs selectable between internal (time switch, output of other logic gates) and external 1 bit values (from the bus). Output can be selected between 1 bit and 1 byte values.

Technische Änderungen vorbehalten.