

SC 98.40 knx



- 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)

The following functionalities are available for the KNX bus and can be adjusted with the ETS:

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|----------------------------|--|
| 1. Switching [1 bit]: | Time dependent switching |
| 2. Priority [2 bit]: | Priority/control based switching |
| 3. Value [1 byte]: | Transmits a 1 byte integer number |
| 4. Value [2 byte]: | Transmits a 2 byte integer number |
| 5. Float [2 byte]: | Transmits a 2 byte floating point number |
| 6. Float [4 byte]: | Transmits a 4 byte floating point number |
| 7. Scene control [1 byte]: | Up to 64 scenes |
| 8. HVAC [1 byte]: | Heating, ventilating and air conditioning |
| 9. 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. |

Further information / Accessory

Accessory: Data-key DK pro and Programming package PP 50 pro / PP 60 pro
(not included in delivery of the time switch)



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)



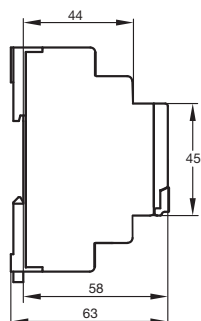
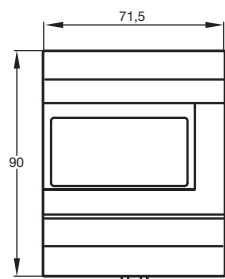
Highlights

- Yearly program with Easter function, Weekdayfunction and Extra-switching-time function
- Up to 300 permanent switchings by date or with Easter function
- 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 E²-PROM
- Programmable with PC (Accessory Data-key DK pro and Programming package PP 50 pro / PP 60 pro)

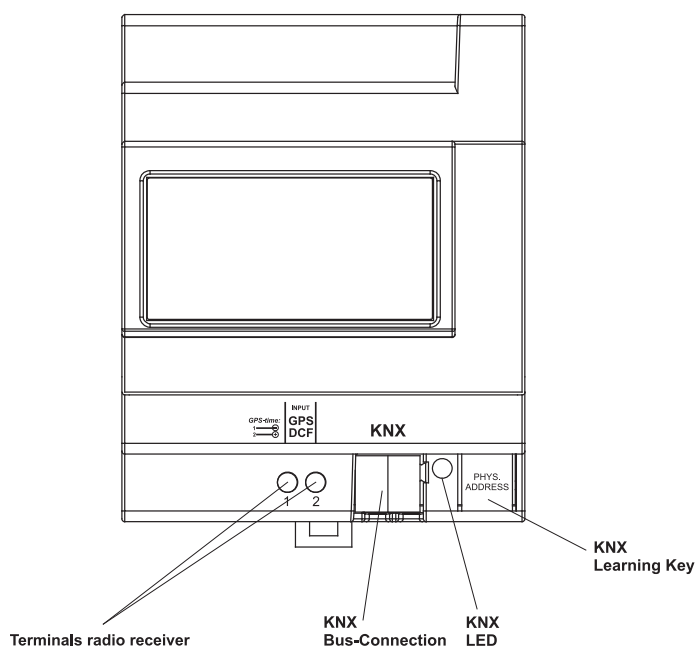
Digital time switches SC 98.40 knx

for DIN-rail mounting

Technical Data



Supply voltage	via KNX-Bus voltage
Bus current	max. 25 mA
Bus system	KNX
Switching functions	ON; OFF; pulse; cycle; yearly program
Pulse length Pulse function (switching time)	00:01 up to 59:59 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 or DCF / GPS (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 by E ² -PROM
Display	high resolution LCD (visible area 12.8 cm ²)
Permitted ambient temperature	-30°...+55°C
Housing	self-extinguishing thermoplastic
Dimensions	45 x 71.5 x 58 mm
Mounting	35 mm DIN-rail
Type of protection	IP 20 to DIN EN 60529
Class of protection	II when installed according to regulations
Accessories (not included in delivery)	Data-key DK pro, Programming package PP 50 pro / PP 60.00 pro, Radio receiver DCF-time FU 20.00 pro, Radio receiver GPS-time FU 3x.00 pro, Radio receiver GPS-time FU 40.00 knx



Order number	Channels	Time base	Special function
SC 98.40 knx	4	Quartz or DCF/GPS (opt.) / KNX-Bus (adjustable)	KNX-Bus, yearly program
Housing colour			