*week*

# SC 44.X1 *pro*

■ 1 or 2 channels
■ Daily and weekly program
■ 46 memory locations
■ Minimum interval 1 min
■ Switching capacity 16 A per channel
■ Permanent by date / holiday function
■ 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
■ Security by PIN-Code
■ Illuminated display
■ Data-key function

**Further information / Accessory**

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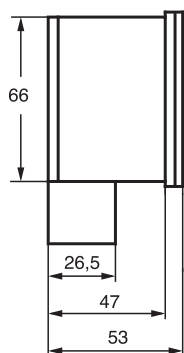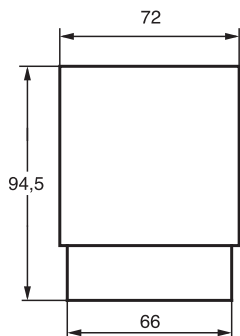(not included in delivery of the time switch)

**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 (6 years battery-reserve)
■ Unlimited program security by E$^2$-PROM
■ Programmable with PC (Accessory Data-key DK *pro* and Programming package PP 50 *pro*)

:hugo**müller**

**■müller**

| pin | dcf | astro | internal intern 46 | year prog | week prog | 24h prog | kanal channel 1 2 |
| timer | lcd | ☀ | 2345h | pulse | Extern | cycle | data |

**week**

# Digital time switch SC 44.X1 *pro*

## for switchboard panel and wall mounting

72

94,5

66

66

26,5

47

53

### Technical data

| | |
|---|---|
| **Supply voltage** | 230 V, 50–60 Hz other voltages on request |
| **Power consumption** | approx. 1.5 VA |
| **Channels** (potential-free) | Channel A: change-over · channel B: normally open contact gap $<$ 3 mm (µ) |
| **Contact material** | AgNi |
| **Switching capacity per channel** | 16 A / 250 V$\sim$ at $\cos\varphi=1$ |
| **Switching functions** | ON, OFF, pulse |
| **Pulse length Pulse function** (switching time) | 00:01 up to 59:59 mm:ss |
| **Memory locations** | 30 |
| **Minimum interval** | 1 min |
| **Time base** | Quartz crystal |
| **Power back-up** (at 20°C) | approx. 6 years (depends on Lithium-battery life) |
| **Program security** | unlimited by E²-PROM |
| **Quartz crystal accuracy** (at 20°C) | $\leqq \pm 1.0$ sec/day |
| **Display** | high resolution LCD (visible area 7.5 cm²) |
| **Permitted ambient temperature** | $-10°…+55°$C |
| **Enclosure** | self-extinguishing thermoplastic |
| **Dimensions** | 72 x 72 mm (to DIN EN 43700) |
| **Switchboard flush mounting** | Retaining clip in 68 x 68 mm cutout |
| **Surface mounting** | Wall mounting with terminal cover |
| **Type of connection** | Screw terminals |
| **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* |

**SC 44.11 *pro* (1 channel)**

A

1  2  3    4  5
           N  L
           ~  ~
           +  -
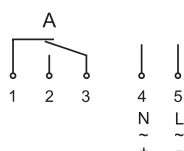
**SC 44.21 *pro* (2 channels)**

A                      B

1  2  3    4  5    6  7
           N  L
           ~  ~
           +  -
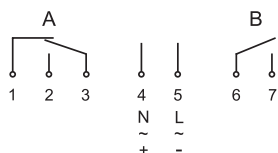
**Overview time switch functions**

| | Switching time | Channel-key |
|---|---|---|
| ON/OFF | ✔ | ✔ |
| Permanent | ✔ | ✔ |
| Pulse | ✔ | |
| Timer | | |
| Cycle | | |
| Astro | | |
| Permanent by date | ✔ | |
| Yearly program | | |

| Order number | Channels | Time base | Special function |
|---|---|---|---|
| ▸ SC 44.11 *pro* | 1 | Quartz | data-key (optional) |
| ▸ SC 44.21 *pro* | 2 | Quartz | data-key (optional) |

▽▽▸ Housing colour