

## SC 24.10 pro



- 1 channel
- Daily and weekly program
- 46 memory locations
- 4 years battery-reserve
- Minimum interval 1 min.
- Switching capacity 8 A
- Permanent by date / holiday function
- Manual permanent mode (channel key)
- Manual override
- Automatic sorting of switching times
- Unrestricted block programming
- Fully automatic daylight saving time
- Elapsed time and pulse counter
- Pulse function
- External input (manual override)
- Security by PIN-code

### Comparable products ...

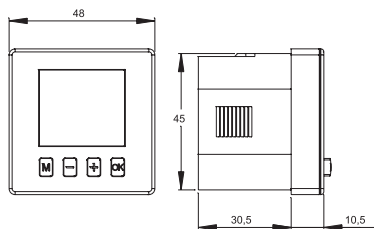
**SC 44.x1 pro** with additional features:  
for switchboard panel and wall mounting, 1 or 2 channels potential free,  
10 years battery-reserve, Data-key function, illuminated display,  
WITHOUT External input function

### Highlights

- Text based menu and self-explanatory symbols
- Display with two 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

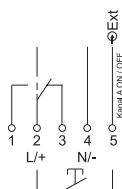
basic extended premium

## Digital time switch SC 24.10 pro for switchboard panel



Mounting aperture square: 48 x 48 mm  
Mounting aperture circle: ø 50,5 mm

### SC 24.10 pro



### Technical data

<b>Supply voltage</b>	230 V, 50–60 Hz other voltages on request
<b>Power consumption (real power)</b>	0.7 W
<b>Channel (potential of supply voltage)</b>	change-over, contact gap < 3 mm (µ)
<b>Contact material</b>	AgNi
<b>Switching capacity per channel</b>	8 A / 250 V~ at cosφ=1 6 A with inductive load cosφ=0.6
<b>Min. switching power</b>	300 mW (5 V / 5 mA)
<b>Max. starting current</b>	30 A
<b>External input (potential of supply voltage)</b>	for pushbutton / manual override
<b>Filament Lamp, Halogen Lamp</b>	400 W
<b>Fluorescent Lamp with electron. lamp ballast</b>	100 W
<b>Fluorescent Lamp with convent. lamp ballast</b>	100 W
<b>LED (230 V~) / CFL</b>	50 W
<b>Switching functions</b>	ON; OFF; pulse; permanent
<b>Pulse length Pulse function (switching time)</b>	00:01 bis 59:59 mm:ss
<b>Memory locations</b>	46
<b>Minimum interval</b>	1 min.
<b>Time base</b>	Quartz
<b>Quartz accuracy (at 20°C)</b>	≤ ±0.5 sec./day (Quartz accuracy optimized for typical ambient conditions)
<b>Power back-up (at 20°C)</b>	approx. 4 years (depends on the Lithium-battery life)
<b>Data security</b>	unlimited (E <sup>2</sup> -PROM)
<b>Display</b>	high resolution LCD (visible area 7.5 cm <sup>2</sup> )
<b>Permitted ambient temperature</b>	–30°...+50°C
<b>Housing</b>	self-extinguishing thermoplastic
<b>Dimensions</b>	48 x 48 mm (to IEC 61554)
<b>Mounting</b>	Panel
<b>Type of connection</b>	Screw terminals (pull-up type)
<b>Type of protection</b>	IP 20 to DIN EN 60529
<b>Class of protection</b>	II when installed according to regulations
<b>Mode of operation (DIN EN 60730-1)</b>	1 BSTU
<b>Degree of contamination (DIN EN 60730-1)</b>	2
<b>Rated surge voltage (DIN EN 60730-1)</b>	4 kV

### Accessories

Trim 55 x 55 mm  
190.003



Mask 72 x 72 mm  
190.004



Mask ø 72 (for flush-mounting-ø 60)  
190.008



Mask ø 72 (for flush-mounting-ø 50,5)  
190.009



IP54-Seal for Bx 40/TC x4/SC24.10pro  
101.003



Self-adhesive seal (anti-twist protection)  
for Bx 40/TC x4/SC24.10pro  
101.001



Order number	Channels	Time base	Special functions
SC 24.10 pro	1	Quartz	External input (change function)

▼ Housing colour