



## SC 24.10 pro

- 1 channel
- Daily and weekly program
- 46 memory locations
- 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 ...

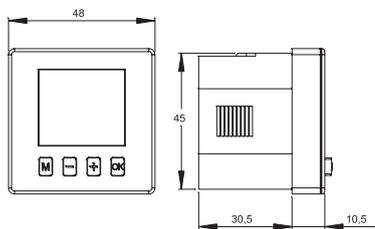
**SC 44.x1 pro** with additional features:  
for switchboard panel and wall mounting, 1 or 2 channels potential free,  
46 memory locations, Data-key function, illuminated display,  
WITHOUT External input function

### Highlights

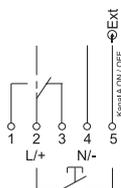
- Text based menu and self-explanatory symbols
- Display with two text lines
- Easy handling. Quick and intuitive programmable time switch
- Can be programmed with supply disconnected (6 years battery-reserve)
- Unlimited program security by E<sup>2</sup>-PROM

## Digital time switch SC 24.10 pro

for switchboard panel



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</b>	1,000 W
<b>Halogen Lamp</b>	1,000 W
<b>Fluorescent Lamp uncompensated</b>	500 VA
<b>Fluorescent Lamp series compensated</b>	500 VA
<b>Fluorescent Lamp parallel compensated</b>	300 VA
<b>Fluorescent Lamp double switch</b>	500 VA
<b>Mercury Discharge Lamp uncompensated</b>	2 x 125 W, 1 x 250 W
<b>Mercury Discharge Lamp parallel compensated</b>	3 x 50 W (7 μF), 2 x 125 W (10 μF), 1 x 250 W (18 μF)
<b>Sodium Discharge Lamp uncompensated</b>	1 x 150 W
<b>Compact Fluorescent Lamp convent. lamp ballast</b>	500 VA
<b>Compact Fluorescent Lamp electron. lamp ballast</b>	2 x electronic lamp ballast, power independent
<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 crystal
<b>Power back-up (at 20°C)</b>	approx. 4 years (depends on the Lithium-battery life)
<b>Data security</b>	unlimited by E <sup>2</sup> -PROM
<b>Quartz crystal accuracy (at 20°C)</b>	≤ ±0.5 sec./day
<b>Display</b>	high resolution LCD (visible area 7.5 cm <sup>2</sup> )
<b>Permitted ambient temperature</b>	-10°...+50°C
<b>Enclosure</b>	self-extinguishing thermoplastic
<b>Dimensions</b>	48 x 48 mm (to IEC 61554)
<b>Switchboard flush mounting</b>	Retaining clip
<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

### Accessories

Trim 55 x 55 mm	190.003.004
Mask 72 x 72 mm	190.004.004
Mask ∅ 72 (for flush-mounting-∅ 60)	190.008.004
Mask ∅ 72 (for flush-mounting-∅ 50,5)	190.009.004

### Overview time switch functions

	Switching time	Channel-key External input
ON/OFF	✓	✓
Permanent	✓	
Pulse	✓	
Timer		
Cycle		
Astro		
Permanent by date	✓	
Yearly program		

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

✓ Housing colour