



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 ...

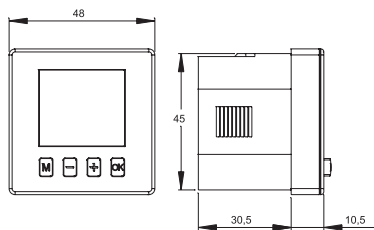
SC 44.x1 *pro* with additional features:
for switchboard panel and wall mounting, 1 or 2 channels potential free,
46 memory locations, Data-key function, illuminated display,
WITHOUT External input function

Highlights

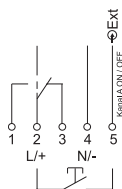
- Text based menu and self-explanatory symbols
- Display with two text lines
- Easy handling. Quick and intuitive programmable time switch
- Can be programmed with supply disconnected
- Unlimited program security by E²-PROM

Digital time switch SC 24.10 pro

for switchboard panel



SC 24.10 pro



Technical data

Supply voltage	230 V, 50–60 Hz other voltages on request
Power consumption (real power)	0.7 W
Channel (potential of supply voltage)	change-over, contact gap < 3 mm (μ)
Contact material	AgNi
Switching capacity per channel	8 A / 250 V~ at cosφ=1 6 A with inductive load cosφ=0.6
Min. switching power	300 mW (5 V / 5 mA)
Max. starting current	30 A
External input (potential of supply voltage)	for pushbutton / manual override
Filament Lamp	1,000 W
Halogen Lamp	1,000 W
Fluorescent Lamp uncompensated	500 VA
Fluorescent Lamp series compensated	500 VA
Fluorescent Lamp parallel compensated	300 VA
Fluorescent Lamp double switch	500 VA
Mercury Discharge Lamp uncompensated	2 x 125 W, 1 x 250 W
Mercury Discharge Lamp parallel compensated	3 x 50 W (7 μF), 2 x 125 W (10 μF), 1 x 250 W (18 μF)
Sodium Discharge Lamp uncompensated	1 x 150 W
Compact Fluorescent Lamp convent. lamp ballast	500 VA
Compact Fluorescent Lamp electron. lamp ballast	2 x electronic lamp ballast, power independent
Switching functions	ON, OFF, pulse, permanent
Pulse length Pulse function (switching time)	00:01 bis 59:59 mm:ss
Memory locations	46
Minimum interval	1 min.
Time base	Quartz crystal
Power back-up (at 20°C)	approx. 4 years (depends on the Lithium-battery life)
Data security	unlimited by E ² -PROM
Quartz crystal accuracy (at 20°C)	≤ ±0.5 sec./day
Display	high resolution LCD (visible area 7.5 cm ²)
Permitted ambient temperature	-10°...+50°C
Enclosure	self-extinguishing thermoplastic
Dimensions	48 x 48 mm (to IEC 61554)
Switchboard flush mounting	Retaining clip
Type of connection	Screw terminals (pull-up type)
Type of protection	IP 20 to DIN EN 60529
Class of protection	II when installed according to regulations

Accessories

Trim 55 x 55 mm	190.003.004
Mask 72 x 72 mm	190.004.004
Mask Ø 72 (for flush-mounting-Ø 60)	190.008.004
Mask Ø 72 (for flush-mounting-Ø 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