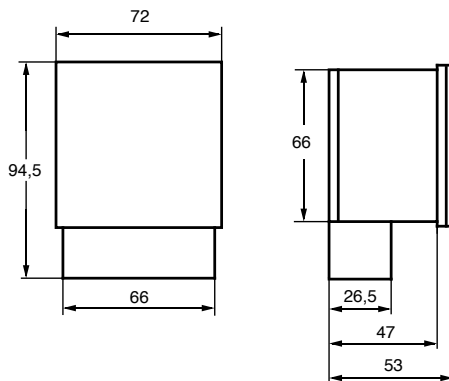## Programmable time switch SC 44
for switchboard panel and wall mounting

- 1 or 2 Channels
- Daily and weekly program
- 30 memory locations
- ON, OFF or pulse functions (01...59 sec)
- Holiday switching by date (Permanently ON or OFF)
- Minimum interval 1 min.
- Switching capacity 16 A (per channel)
- Permanently ON or OFF with manual switch (PERM ON/OFF)
- Manual override
- Analogue display of switching program for current day of the week (for each channel)
- Automatic sorting of switching times on readout
- Alteration of switching times on readout
- Unrestricted block-programming of days, channels, and switching functions
- Fully automatic summertime when date entered (European standard)

Highlights
- Pre-programmed real time and date
- Unlimited data security by E^{2}PROM
- Alteration of switching times
- Quick and easy programmable time switch
- Can be programmed with supply disconnected

Type/Order No.	Channels	Time base
SC 44.12	1	Quartz
SC 44.22	2	Quartz

Programmable time switches

4

4.03

Programmable time switch SC 44

for switchboard and wall mounting

Programming options:

- Daily and weekly program
- Holiday switching by date
- Permanently ON or OFF with manual switch (Perm ON or OFF)

Operating mode

Automatic (AUTO)

Normal operation of programmable time switch; with display of day of the week, clock time, channel switch status, for current day switching program. Permanently ON or permanently OFF

Programming (Pr)

Switching time inputs

Select, Change, Delete (?)

Readout, change, individual deletion and total deletion of switching times

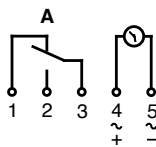**Clock time (⏲)**

Input of current day and time

Summertime (S/W)

Activation (ON) or Suppression (OFF) of the fully automatic summertime to European Standard

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	AgCdO
Switching capacity per channel	16 A / 250 V $\sim$ at cosφ=1
Switching functions	ON, OFF, pulse
Pulse length	01…59 sec., digital adjustment
Memory locations	30
Minimum interval	1 min.
Time base	Quartz crystal
Power back-up (at 20°C)	approx. 6 years (Lithium-battery) (depends on the Lithium-battery life)
Quartz crystal accuracy (at 20°C)	$\leqq \pm$ 1.5 sec/day
Display	LCD; 7.5 mm high numerals
Permissible ambient temperature	$-5°...+50°C$
Enclosure	self-extinguishing thermoplastic, black
Dimensions	72 x 72 mm (to DIN 43 700)
Switchboard flush mounting	Retaining clips in 68 x 68 mm cutout
Surface mounting	Wall mounting with terminal cover
Type of connection	Screw terminals
Type of protection	IP 20 to EN 60 529
Class of protection	II when installed according to regulations

Connection layout	

SC 44.12 (1 channel)   SC 44.22 (2 channels)

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