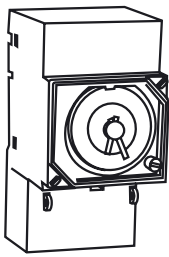
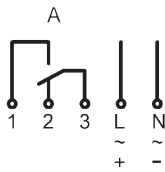


Installation and Operating Instruction for B.E.G. time switch for distribution box mounting TS-AD3/4 and TS-AW1/2



Connection diagram



1. Installation

- Remove terminal cover (Fig. 1A)
 - Put timer on DIN rail or take out the locking device and prepare it for wall mounting (Fig. 1B)
 - Connect according to the wiring diagram
 - Choose right function with switch 3 (Fig.2) (ON, OFF, AUTOMATIC)
- Caution:** The installation and assembly of electrical equipment may be carried out only by a skilled person!

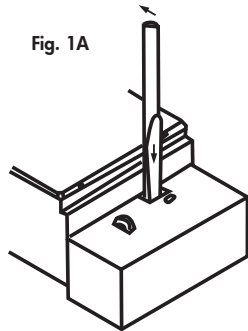
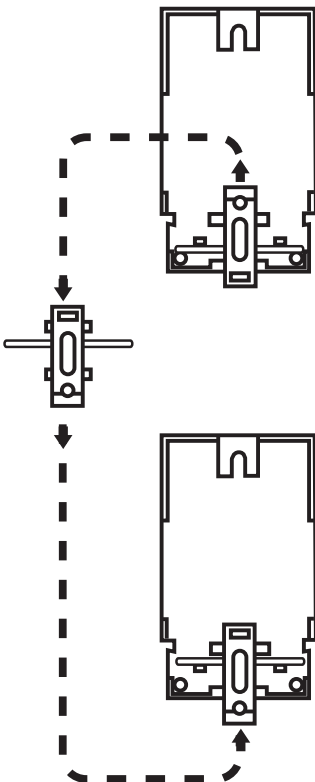


Fig. 1B



2. Operation

- Time switch is in operation as soon as electrical power is connected.

3. Setting the switching times

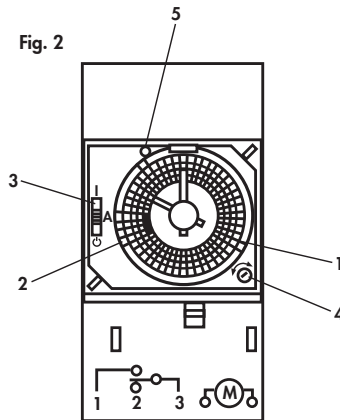
- Remove cover. Move number of tappets (2) outward on the 24 hour-dial (1) according to desired switching time.

Example:

Day: 12.30 h – 13.00 h = 30 min. = 1 tappet
16.00 h – 18.00 h = 2 hrs = 4 tappets

Week: 14.00 h – 16.00 h = 2 hrs = 1 tappet

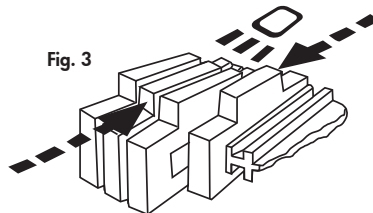
Fig. 2



4. Shortening of Switching times

- Move tappets inwards (Fig. 3)

Fig. 3



5. Setting the time

Pull out knurled bolt (4).

When turning the knurled bolt (4), both the dial (1) and the two hands will turn.

Clockwise: turn bolt (4) right.

Anti-clockwise: keep knob (5) depressed while turning bolt (4) left.

Attention: Compare actual time with indicated time at ▼.
Example: 10.00 h or 22.00 h.

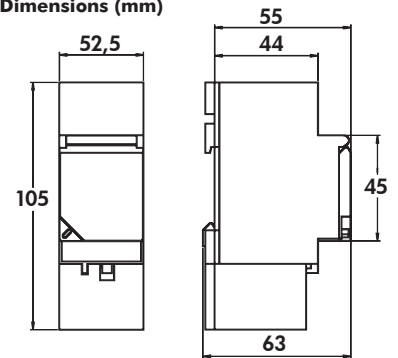
Manual override switch (3):

I = perm. ON, A = automatic, O = perm. OFF.

Note

Do not turn 24 hour-dial (1) or clock hands by hand!

6. Dimensions (mm)



7. Disposal

Timers with power reserve contain pollutant batteries. The end user is obliged to duly return the device.

8. Article / Part-Nr. / Accessory

Analogue timer	Part-Nr.
LUXOMAT® TS-AD3 without power back-up	92678
LUXOMAT® TS-AD4 with power back-up	92680
Analogue weekly timer	Part-Nr.
LUXOMAT® TS-AW1 without power back-up	92679
LUXOMAT® TS-AW2 with power back-up	92657

9. Technical data

Supply voltage	230 V, 50 – 60 Hz
Power consumption	approx. 1 VA
Switch (potential-free)	Change-over, contact gap < 3 mm (μ)
Contact material	AgCdO
Switching capacity	16 A / 250 V at cos(φ) = 1 2.5 A at inductive load cos(φ) = 0.6
Filament lamp	2.000 W
Minimum interval	30 min. day disc, 2 h week disc
Time base	Quartz crystal
Power back-up (at 20°C)	≥ 70h
Quartz cryst. accuracy (at 20°C)	≤ ± 1.5 sec./day
Permitted ambient temperature	-5°C to +55°C
Enclosure	self-extinguishing thermoplastic
Dimensions	45 x 52,5 x 55 mm
Distribution board mounting	35 mm DIN-rail (DIN EN 50022)
Montage	Wall construction with clamp coating, sealable
Type of connection	Screw terminals
Type of protection	IP20 to DIN EN 60529
Type of protection class	II when installed according to regulations