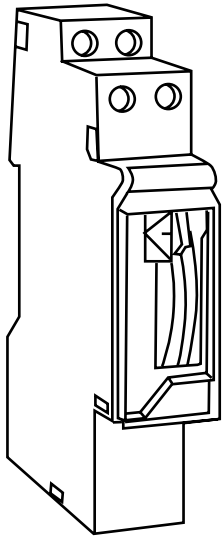
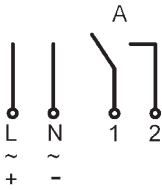


Installation and Operating Instruction for B.E.G. time switch for distribution box mounting TS-AD1 and TS-AD2



Connection diagram



Connect the supply voltage/frequency as stated on the product label in accordance with the connection details shown for this time switch and the appliance/s to be switched.

1. Slide Switch



Automatic operation

The output switches according to the program selected with the tappets.



Permanently ON



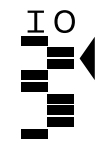
Permanently OFF



Input actual time:

Turn the tappet wheel in the direction of the vertical arrow. The time is shown by the horizontal arrow.

Attention: The tappet-wheel has a 24 h scale.



Switch-program input:

Move the tappets to the left to switch ON. The time period of one tappet is 15 minutes.

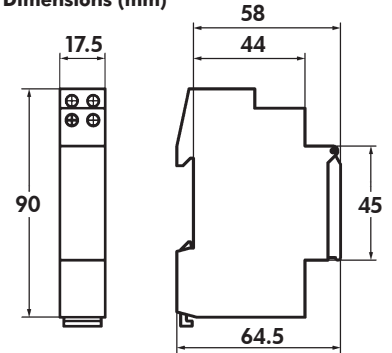
Time switches with reserve:

During a supply interruption the time switch runs for approximately 72 h.

2. Installation details

- ⚠ The installation and assembly of electrical equipment must be carried out only by a skilled person.
- Warranty void if housing opened by unauthorised person. The electronic circuit is protected against a wide range of external influences. Incorrect operating may occur if external influences exceed certain limits.

3. Dimensions (mm)



4. 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 $\cos(\varphi) = 1$ 2.5 A at inductive load $\cos(\varphi) = 0.6$
■ Filament lamp	2.000 W
■ Minimum interval	15 min.
■ Time base	Quartz crystal
■ Power back-up (at 20°C)	≥ 70 h
■ Quartz cryst. accuracy (at 20°C)	$\leq \pm 1.5$ sec./day
■ Permitted ambient temperature	-5°C to +50°C
■ Enclosure	self-extinguishing thermoplastic
■ Dimensions	45 x 17.5 x 58 mm
■ Distribution board mounting	35 mm DIN-rail (DIN EN 50022)
■ Type of connection	Screw terminals
■ Type of protection	IP20 to DIN EN 60529
■ Type of protection class	II when installed according to regulations

5. Disposal

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

6. Article / Part-Nr. / Accessory

Analogue timer	Part-Nr.
LUXOMAT® TS-AD1 without power back-up	92676
LUXOMAT® TS-AD2 with power back-up	92677