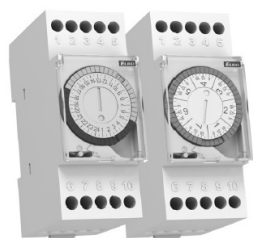


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ELKO ATS-2D Analog Time Switch with Daily Weekly Program User Manual

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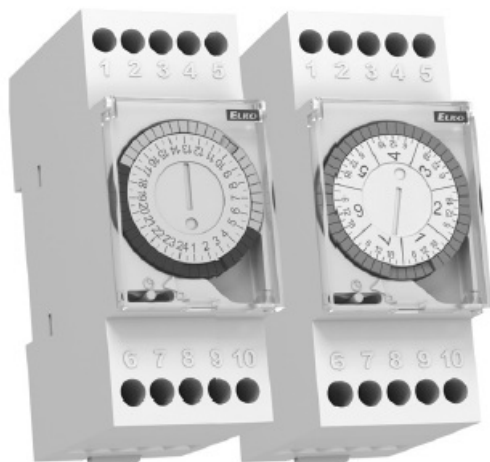
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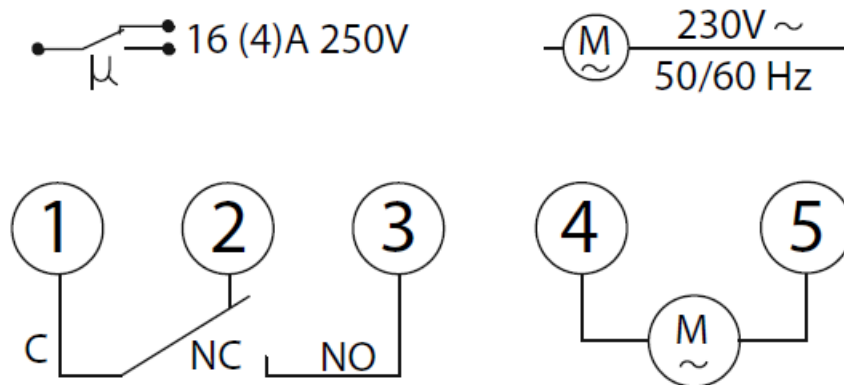
ELKO ATS-2D Analog Time Switch with Daily Weekly Program



Characteristics

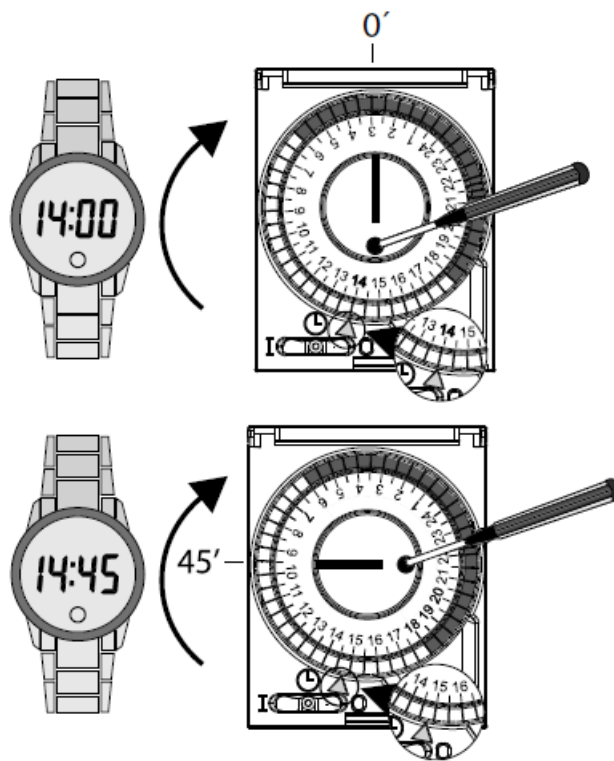
- The mechanical time switch is a simple and inexpensive alternative to digital time switches for controlling heating, ventilation, cooling, lighting systems or pumps depending on real-time.
- Daily or weekly program

- Selection of operating modes using the switch on the panel: switches automatically according to the set program permanently closes permanently opens
- Power reserve after power off for up to 150 hours after fully charged.
- Sealable transparent front panel cover.

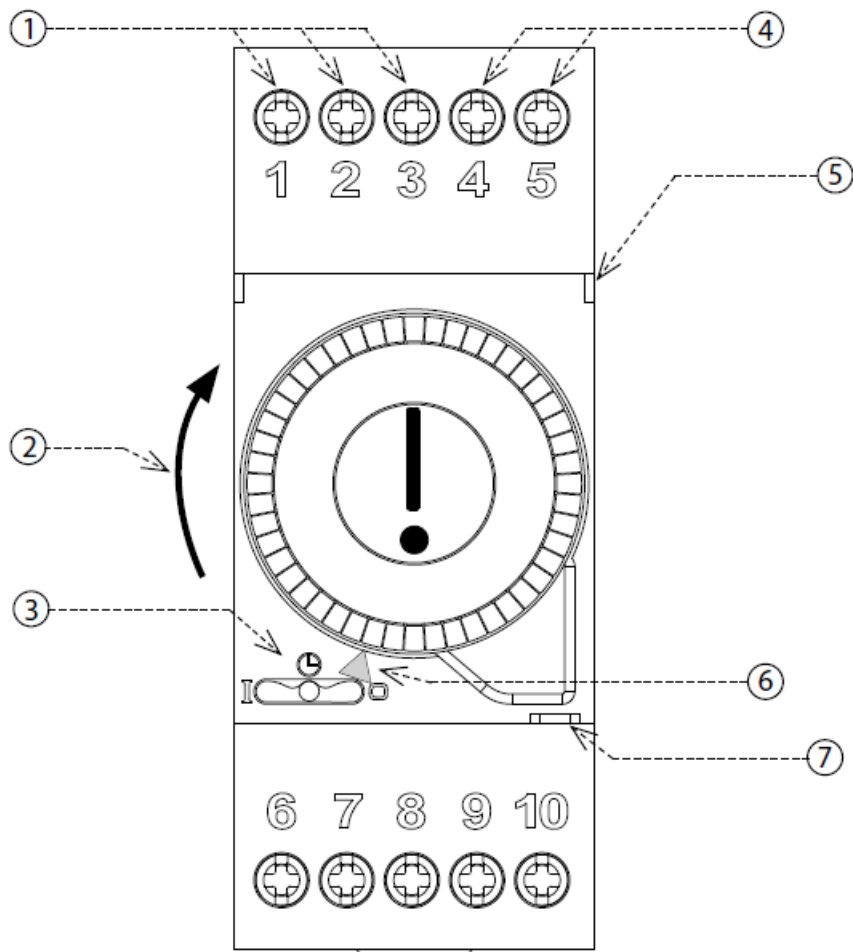


Connection

Time setting – daily program



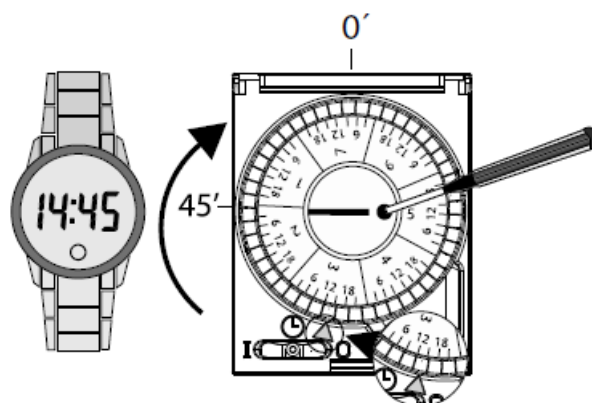
Do not turn counterclockwise



Description

1. Output contact (1-2-3)
2. The direction of rotation of the programming dial
3. Operating mode switch
4. Supply voltage terminals (4-5)
5. Transparent opening cover
6. Time indicator
7. Sealing spot

Day/time setting – a weekly program



Do not turn counterclockwise

Example: 3 = Wednesday, 2:45 p.m.

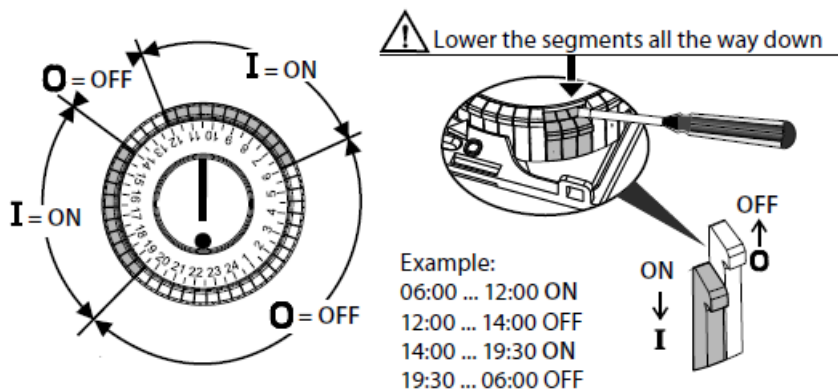
Setting

Minimum switching interval:

- daily 30 minutes (1 segment)

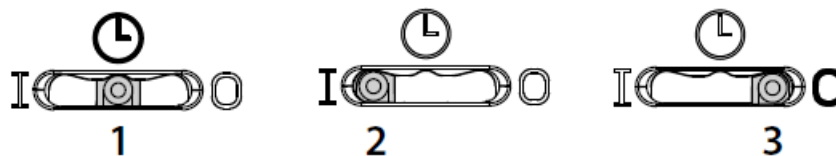
- weekly 210 minutes (1 segment)

High temperatures can affect the accuracy of the time switches operating mode



Operating mode

- switches automatically according to the set program
- permanently closes



- permanently opens

Power reserve (models only ATS-2DR, ATS-2WR)

The time switch starts working approx. 5 minutes after being connected to the power supply. After approximately 72 hours from the connection to the power supply, the power reserve, reaches it's complete charge of 150 hours.

Technical parameters

Supply

Supply terminals: 4,5
 Supply voltage: AC 230V (50/60 Hz)
 Power consumption (max.): 1W (1.5 VA)
 Supply voltage tolerance: -10%, +10%

Time circuit

Program:	daily	daily	weekly
Number of switching segments:	48		
Minimum switching interval:	30 min	30 min	3.5 hour
Operating accuracy:	1s/day		
Power reserve:	x	max. 150h	

Output

Number of contacts: 1x switching (AgNi)
Rated current: 16A/AC1
Breaking capacity: 3500 VA/AC1
Switching voltage: 250 V AC
Mechanical life: 1.000.000 operations
Electrical life (AC1): 50.000 operations

Other information

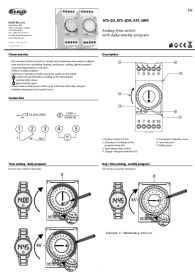
Operating temperature: -10 to +50°C (14 to 122°F)
Storage temperature: -10 to +50°C (14 to 122°F)
Dielectric strength: 4kV (supply – output)
Operating position: any
Mounting: DIN rail EN 60715
Protection degree: IP20
Overvoltage category: III.
Pollution degree: 2
Max. cable size
(mm²): max. 1x 4, max. 2x 1.5 /
s dutinkou max. 1x 4, max.
2x 1.5 (AWG 12)

Dimensions: 90 x 35 x 60 mm (3.5" x 1.4"
x 2.4")
Weight: 117 g (4.1 oz.)
Standards: EN 61812-1, EN 60669-1,
EN 63044-1

Warning

The device is constructed for connection in a 1-phase main alternating current voltage and must be installed according to norms valid in the state of the application. Connection according to the details in this direction. Installation, connection, setting, and servicing should be installed by qualified electrician staff only, who has learned these instructions and functions of the device. This device contains protection against overvoltage peaks and disturbances in supply. For the correct function of the protection of this device, there must be suitable protections of a higher degree (A, B, C) installed in front of them. According to standards elimination of disturbances must be ensured. Before installation, the main switch must be in position "OFF" and the device should be de-energized. Don't install the device to sources of excessive electromagnetic interference. By correct installation ensure ideal air circulation so in case of permanent operation and higher ambient temperature the maximal operating temperature of the device is not exceeded. For installation and setting use a screw-driver cca 2 mm. The device is fully-electronic – installation should be carried out according to this fact. Non-problematic function depends also on the way of transportation, storing and handling. In case of any signs of destruction, deformation, non-function or missing part, don't install and claim at your seller it is possible to dismount the device after its lifetime, recycle, or store in the protective dump.

Documents / Resources



[ELKO ATS-2D Analog Time Switch with Daily Weekly Program](#) [pdf] User Manual
ATS-2D, ATS-2DR, ATS-2WR, Analog Time Switch with Daily Weekly Program

References

- [ELKO EP - Global relay manufacturer • ELKO EP](#)

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