finder®
SWITCH TO THE FUTURE

REPORT

12 SERIES
Time switches

App Store

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NFC
finder
Toolbox NFC

NFC

"Astro" time switches Type 12.A1 and 12.A2
Weekly time switch Type 12.61 and 12.62

EUROPEAN PATENT

Quick and flexible programming right from your smartphone.
With NFC technology and "Finder Toolbox NFC" for Android and iOS.

- Two programming modes: "Smart" mode via smartphone with NFC communication
  or "Classic" mode via the joystick
- Supply voltage: 12…24 V AC/DC, 110…230 V AC/DC
- Versions with 1 or 2 contacts - 16 A
- Functions: - Astro program: calculation of sunrise and sunset times through date, time and location coordinates
  - Switch ON/Switch OFF with a minimum interval setting of 1 minute
  - Pulse from 1 second to 59 minutes
- Internal battery for set-up and programming without supply, easily replaceable
- 50 memory location
- Automatic adjustment for daylight saving
- Wide backlit display

Approvals (according to type)

CE UK CA EAC c(UL)us

1 CO (SPDT) 16 A

Type 12.A1.8.230.0000
110…230 V AC/DC

2 CO (DPDT) 16 A

Type 12.A2.8.230.0000
110…230 V AC/DC

Type 12.A2.0.024.0000
12…24 V AC/DC

Weekly Astro time switch

Types 12.A1 and 12.A2 are able to calculate the sunrise and sunset time, according to location coordinates (latitude/longitude).

Functions: - Astro ON/Astro OFF
- Switch ON/Switch OFF
- Pulse from 1 second to 59 minute
- Holiday program
- Location coordinates easily set for most European countries through post codes
- Offset function: allows programming of switching times offset from the Astro time (by up to 90 min, in 1 min steps)
- AstroON and AstroOFF function is preset on channel A

Applications: Municipal lighting (street, squares, monuments, fountains…), gardens, parking, shops, illuminated signs, irrigation systems, heating and cooling plant.

1 CO (SPDT) 16 A

Type 12.61.8.230.0000
110…230 V AC/DC

Type 12.61.0.024.0000
12…24 V AC/DC

2 CO (DPDT) 16 A

Type 12.62.8.230.0000
110…230 V AC/DC

Digital weekly time switch

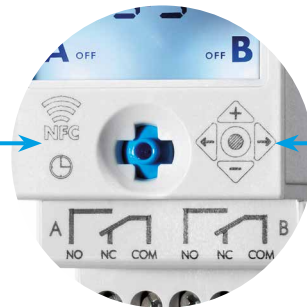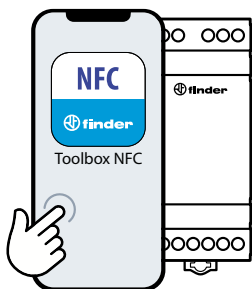Types 12.61 and 12.62 are suitable for load control at specific times and for specific days of the week.

Functions: - Switch ON/Switch OFF
- Pulse from 1 second to 59 minute
- Holiday program

Applications: Irrigation systems, heating and cooling plant, shops, illuminated signs, access (door) control.

Two programming modes

"Smart"

Mode via smartphones with NFC communication using Finder Toolbox App

NFC
Toolbox NFC

"Classic"

Mode via the joystick

Toolbox NFC

Finder Toolbox for programming
Once the App FINDER Toolbox is downloaded and installed, you can read an existing program, or program your device with maximum flexibility, changing the smallest details and saving your program directly to your smartphone.
At this point you simply touch the time switch with the smartphone to transfer the data.