

# REPORT

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

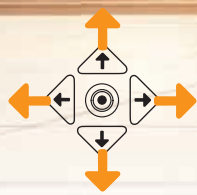
A step forward for easier, quick and flexible programming  
Right from your smartphone

With NFC technology and "Finder Toolbox" Android App

## Two programming modes:

**"Classic"**  
mode via  
the joystick

**"Smart"**  
mode via smartphones with  
NFC communication using  
Finder toolbox Android App.



Type 12.61

Type 12.A2

## Features

- 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



**Type 12.A1.8.230.0000**  
1 CO (SPDT) 16 A  
110...230 V AC/DC



**Type 12.A2.8.230.0000**  
2 CO (DPDT) 16 A  
110...230 V AC/DC

*new*

#### 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:
- AstroON/AstroOFF
  - 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 the switching times to be advanced or retarded about the astronomic times 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.*



**Type 12.61.8.230.0000**  
1 CO (SPDT) 16 A  
110...230 V AC/DC



**Type 12.62.8.230.0000**  
2 CO (DPDT) 16 A  
110...230 V AC/DC

*new*

#### 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.*



**Type 12.51.8.230.0000**  
1 CO (SPDT) 16 A  
110...230 V AC/DC

#### Digital time switch, daily/weekly programming

Programming is simple and intuitive.

- 30 minutes interval setting

#### Applications

*Suitable for a wide range  
of applications such as heating,  
lighting and irrigation...*



**Type 12.81.8.230.0000**  
1 CO (SPDT) 16 A  
110...230 V AC/DC

#### Digital Astro time switch

- Astro program: calculation of sunrise and sunset times through date, time and location coordinates
- OFF-ON night function
- Location coordinates easily settable for most European countries through post codes