

REPORT

12 Series

*Discover the complete range
of time switches*



Weekly time switch Type 12.61 and 12.62

"Astro" time switch Type 12.A1 and 12.A2

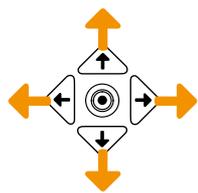
**A step forward for easier, quick and flexible programming
Right from your smartphone.**

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 12.62

Type 12.A1
Type 12.A2

Features

- **New 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



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 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.



1 CO (SPDT) 16 A
Type 12.61.8.230.0000
 110...230 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.



Type 12.61.0.024.0000
 12...24 V AC/DC

Type 12.62.8.230.0000
 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...



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



1 CO (SPDT) 16 A
Type 12.81.8.230.0000
 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