

## 84 Series SMARTimer, digital timer



Toolbox NFC



**NEW**

Now  
programmable  
with Apple  
iPhone

## Multi-function Digital SMARTimer

Offering flexibility, easy installation and high precision timing.

Quick and flexible programming right from your smartphone.  
With NFC technology and the Finder Toolbox App.



"Two in one": two totally independent programmable channels, in a single product.

- Two programming modes: "Smart" mode via smartphone with NFC communication or "Classic" mode via the joystick
- Wide backlit display for easy reading of all information during the programming phase and during normal operation
- Flexibility: it's possible to create new specific functions, mixing the 30 available functions on each channel
- High precision with the ability to finely set the set-time:
  - Time units; 0.1 seconds, seconds, minutes, hours
  - Set-time to 4 digits, anywhere between 000.1 second and 9999 hours
- Large display allows easy viewing: set time, current time, timing in progress, input command state, output state
- 1 CO (16 A) + 1 CO (16 A) output contacts

Approvals (according to type)



Multi-function Digital SMARTimer  
Quick and flexible programming  
right from your smartphone.



**Type 84.02.0.230.0000**

- Nominal voltage: 110...240 V AC/DC (non-polarized)
- Operating range: 90...264 V AC/DC (47/63Hz)

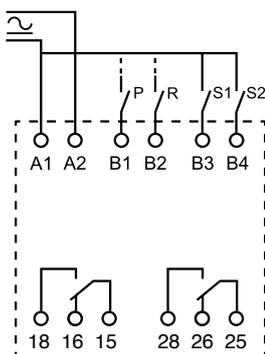


**Type 84.02.0.024.0000**

- Nominal voltage: 12...24 V AC/DC (non-polarized)
- Operating range: 10...30 V AC/DC (47/63Hz)
- It's possible to directly connect timer input to proximity sensors (both PNP and NPN)

### Functions

<b>OFF</b>	Relay OFF
<b>ON</b>	Relay ON
<b>AI</b>	On-delay
<b>DI</b>	Interval
<b>GI</b>	Pulse delayed
<b>LI</b>	Asymmetrical flasher (starting pulse ON)
<b>PI</b>	Asymmetrical flasher (starting pulse OFF)
<b>SW</b>	Symmetrical flasher (starting pulse ON)
<b>SP</b>	Symmetrical flasher (starting pulse OFF)
<b>AE</b>	On-delay with control signal
<b>AC</b>	On-delay with maintained control signal
<b>BE</b>	Off-delay with control signal
<b>DE</b>	Interval with control signal ON
<b>DC</b>	Interval with maintained control signal
<b>EE</b>	Interval with control signal OFF
<b>FE</b>	Interval with control signal ON and OFF
<b>EEa</b>	Interval with control signal OFF (retriggerable)
<b>EEb</b>	Interval with control signal OFF
<b>WD</b>	Watchdog (retriggerable interval with control signal ON)
<b>GE</b>	Pulse delayed with control signal ON
<b>GC</b>	Pulse delayed with maintained control signal
<b>LE</b>	Asymmetrical flasher (starting pulse ON) with control signal
<b>LC</b>	Asymmetrical flasher (starting pulse on) with maintained control signal
<b>PE</b>	Asymmetrical flasher (starting pulse OFF) with control signal
<b>PC</b>	Asymmetrical flasher (starting pulse off ) with maintained control signal
<b>CEb</b>	On and off independent delays with control signal
<b>IT</b>	Timing step
<b>SS</b>	Monostable controlled by Signal switch
<b>PS</b>	Monostable controlled by Pause switch
<b>SHp</b>	Shower function (off-delay with control signal and pause signal)



- Two independent Start inputs - one per channel
- One common Reset input (select to apply to either, or both, channels)
- One common Pause input (select to apply to either, or both, channels)
- PIN to protect access to programming session
- Up or Down timing modes
- Setting accuracy-full range:  $\pm 0.05\%$
- Ambient temperature range:  $-20^{\circ} + 50^{\circ}$
- 35 mm rail (EN 60715) mount

