

REPORT

84 Series



finder®

SWITCH TO THE FUTURE

NEW



SMARTimer Type 84.02

**Digital Timer “Two in one”:
two totally independent
programmable channels,
in a single product**

A step forward for easier, quick and flexible programming right from your smartphone. With NFC technology and “Finder Toolbox” Android App.



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Approvals
(according to type)  UL US
UL File E81856

FEATURES

- 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 25 available functions on each channel
- High precision and possibility of choice in time set-up: - 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



Type 84.02.0.230.0000

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

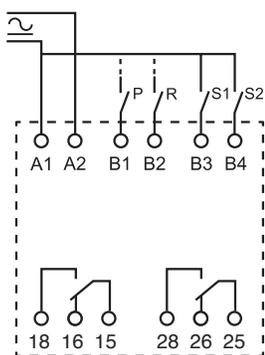


Type 84.02.0.024.0000

- 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

OFF	Relay OFF
ON	Relay ON
AI	On-delay
DI	Interval
GI	Pulse delayed
LI	Asymmetrical flasher (starting pulse ON)
PI	Asymmetrical flasher (starting pulse OFF)
SW	Asymmetrical flasher (starting pulse ON)
SP	Asymmetrical flasher (starting pulse OFF)
AE	On-delay with control signal
BE	Off-delay with control signal
CE	On- and off-delay with control signal
DE	Interval with control signal ON
EE	Interval with control signal OFF
FE	Interval with control signal ON and OFF
EEa	Interval with control signal OFF (retriggerable)
EEb	Interval with control signal OFF
WD	Watchdog (retriggerable interval with control signal ON)
GE	Pulse delayed with control signal ON
LE	Asymmetrical flasher (starting pulse ON) with control signal
PE	Asymmetrical flasher (starting pulse OFF) with control signal
IT	Timing step
SS	Monostable controlled by Signal switch
PS	Monostable controlled by Pause switch
SHp	Shower function (off-delay with control signal and pause signal)



- Two independent Start input - 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

