

Timetec-RT

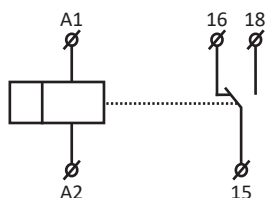
Digital Time Switch



The Timetec-RT is a 1-channel Time Switch used for controlling various appliances in real time, such as, switching of heating, pumps, ventilation systems etc.

- PROGRAM, RANDOM, HOLIDAY and MANUAL switching modes
- Available switching modes:
 - OFF/ON (normal) - 2 memory positions (close/open), shortest time of closing is 1 min.
 - OFF/ON (cyclic) - 2 memory positions (pulse/delay), range 1-99s
 - OFF/ON (pulse) - 1 memory position, range 1-99s
 - OFF - turns off the switching mode

The set time of the pulse/delay is the same for all programs (it is not possible to set multiple pulses with different durations)
- 100 memory positions
- Programming can be performed when the power is on or in backup mode (when running on backup battery)
- Output relays only operate when the device is powered (but will not operate when on backup battery)
- Automatic change-over between summer and winter time (setting for time zone is GMT+1:00)
- Backlit LCD display
- Simple and easy setup using 4 control buttons
- Sealable transparent cover on the front panel
- The timer has a backup battery that preserves data in case of a power supply failure (backup time reserved up to 3 years)
- Supply voltage: 12Vac/dc - 240Vac/dc
- 2-module width, DIN-Rail mounting



Order Code

Timetec-RT

Timetec-RT Technical Specification

Supply Terminals	A1 - A2
Supply Voltage	12Vac/dc - 240Vac/dc (AC 50 - 60Hz)
Consumption	AC 0.5 - 2VA / DC 0.4 - 2W
Max. Dissipated Power (Un + Terminals)	3.5W
Supply Voltage Tolerance	-15%, +10%
Real Time Back-Up	Yes
Summer / Winter Time	Automatic
Real Time Back-Up when De-energising	Up to 3 Years
Accuracy	Max. $\pm 1s/day$ at 23°C
Minimum Interval	1 min
Data Stored for	Min. 10 Years
Cyclic Output	1 -99s
Pulse Output	1 -99s
Changeover Contacts	1 x Changeover (AgSnO ₂)
Rated Current	16A / AC1

Timetec-RT Technical Specification

Breaking Capacity	4000VA / AC1, 384W / DC
Peak Current	30A / < 3s
Switching Voltage	250Vac / 24Vdc
Mechanical Life	15,000,000 Cycles
Electrical Life (AC1)	35,000 Cycles
Number of Memory Places	100
Program	Daily, Weekly
Data Readout	LCD Display with Backlight
Operating Temperature	-20°C to +55°C
Storage Temperature	-30°C to +70°C
Electrical Strength	4kV (Supply - Output)
Operating Position	Any
Mounting	DIN-Rail EN 60715
Protection Degree	IP40 from Front Panel / IP10 Clips
Overvoltage Category	III
Pollution Degree	2
Max. Cable Size (mm ²)	Solid Wire max. 2x 2.5 or 1x 4 / Stranded Wire with Ferrule max. 1x 2.5 or 2x 1.5 (AWG 12)
Dimensions	90 x 35 x 64mm
Weight	117g
Standards	EN 61812-1, EN 60669-1