

Electromechanical Cam Timers

The Tempatron electromechanical cam timers are available in modular kits for assembly or can be supplied fully assembled.

The timers are available in 2 cam, 4 cam and 6 cam versions and with cycle times (one revolution) from 3 seconds to 24 hours.

A complete timer gives one on/off switching period per cam, per cycle, and requires an assembly frame, gear kit, gearbox housing and clip, drive motor and either 2, 4 or 6 standard V3 microswitches.

Synchronous drive motors are available in 24Vac, 115Vac or 230Vac versions and the gear kits are colour coded for ease of assembly.

Models Available

5002 2 Cam Electromechanical Timer

5004 4 Cam Electromechanical Timer

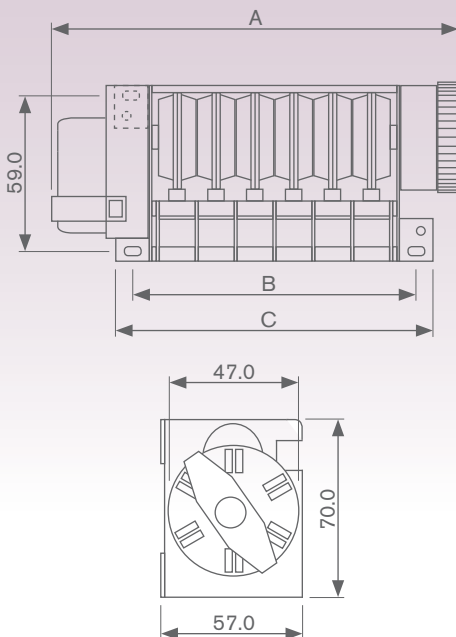
5006 6 Cam Electromechanical Timer

Product Features

- Modular assembly cam timers
- 2, 4 or 6 output versions
- Cycle times from 3 seconds to 24 hours
- One on/off period per cycle
- 24Vac, 115Vac or 230Vac versions
- Screw adjustable cams (tool supplied)

For timing control of machinery, systems and operational processes

Dimensions

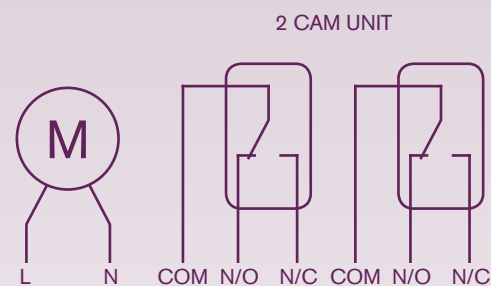


	A (mm)	B (mm)	C (mm)
5002	95	54	67
5004	119	78	91
5006	144	103	116

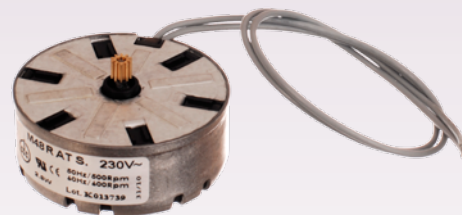
Fully assembled 6 cam model shown

All dimensions in mm

Connections



DRIVE MOTOR



GEAR KIT



GEARBOX HOUSING



Ordering information for Modular Kits

Model	Code	Description
	5002	2 Cam Assembly Frame
	5004	4 Cam Assembly Frame
	5006	6 Cam Assembly Frame

Time Range	Code	Description
	AM40	Seconds Gear Kit
	AM41	Minutes Gear Kit
	AM42	Hours Gear Kit

Gearbox Housing	Code	Description
	AM59	Gearbox Housing & Clip

Drive Motor	Code	Description
	AM23	115V Drive Motor
	AM24	230V Drive Motor
	AM25	24V Drive Motor

Microswitch	Code	Description
	AM02	15A V3 Type Microswitch

Example **5004 c/w AM40 c/w AM59 c/w AM24 c/w 4 x AM02**

Ordering information for Complete Cam Timers

Model	Code	Description
	5002	2 Cam Assembly Frame
	5004	4 Cam Assembly Frame
	5006	6 Cam Assembly Frame

Rotation	Code	Description
	V1	Clockwise Rotation

Cycle Time	Code	Description
	3S	3 seconds
	6S	6 seconds
	12S	12 seconds
	30S	30 seconds
	1M	1 minute
	3M	3 minutes
	6M	6 minutes
	12M	12 minutes
	30M	30 minutes
	1H	1 hour
	6H	6 hours
	12H	12 hours
	24H	24 hours

Power Supply	Code	Description
	115V	115V 50Hz
	230V	230V 50Hz

Example **5006-V1-1H-230V**

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TEMPATRON

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Specification**Power Supply Voltage:**

- 24Vac, 115Vac or 230Vac ($\pm 15\%$)

Burden:

- 4VA

Frequency:

- 50Hz (500rpm) or 60Hz (600rpm)

Drive Motor:

- 500rpm (50Hz) or 600rpm (60Hz)
- 220mm lead length

Standard Cycle Times:

- Seconds kit - 3, 6, 12, 30 seconds
- Minutes kit - 1, 2, 3, 6, 12, 30 minutes
- Hours kit - 1, 2, 3, 6, 12, 24 hours

Minimum Setting:

- 1/60 of cycle time

Microswitch Contact Rating:

- 15A at 250Vac (resistive)

Electrical Contact Life:

- 500,000 operations

Mechanical Life:

- 10 million operations
- 8 years continuous operation

Isolation:

- 2000Vac

Gearbox Housing:

- Glass filled nylon

Cam Diameter:

- 42mm

Operating Temperature:

- -10°C to 55°C
- 45°C typical operating temperature

Weight:

- 5002 350g
- 5004 400g
- 5006 450g

Markings:

- CE marked (meets EN61010-1 low voltage and EN50081-1/50082-1 EMC directives)

Specification subject to change without notice.