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MT4L Miniature Timers

Models Available

MT4L 14 Pin Miniature Timer (4 Pole)

Product Features

- Delay on energise timers
- Miniature size (28 x 22 x 68mm)
- Time ranges from 1 sec to 60 mins
- Supply voltages from 24Vdc to 230Vac
- 14 pin (4 pole) output
- Plug-in socket mounting
- Plug-in sockets also available

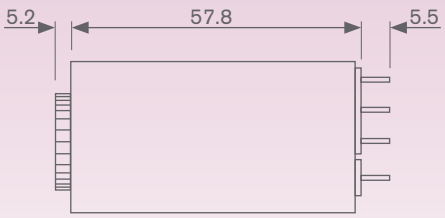
The Tempatron MT4L miniature timers operate a delay on energise function and are housed in a compact 14 pin enclosure which enables surface or DIN rail mounting to a socket. They are available powered from a large choice of AC or DC power options.

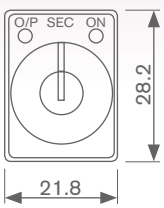
These timers offer accurate, long-term switching reliability and time ranges from 1 second to 60 minutes are available, adjustable through the calibrated front control knob.

The 4 pole changeover relay output contacts are isolated from the supply voltage and all timers have two LEDs to indicate both power and relay status.

For timing control of machinery, systems and operational processes

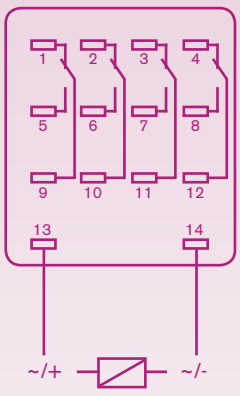
Dimensions





All dimensions in mm

Connections



View on pins

Ordering information

Model	Code	Description
	MT4L	14 Pin Delay on Energise Timer (4 Pole)

TIme Range	Code	Description
	1S	0.05 to 1 second
	2S	0.1 to 2 seconds
	5S	0.25 to 5 seconds
	10S	0.5 to 10 seconds
	30S	1.5 to 30 seconds
	60S	3 to 60 seconds
	2M	0.1 to 2 minutes
	5M	0.25 to 5 minutes
	10M	0.5 to 10 minutes
	30M	1.5 to 30 minutes
	60M	3 to 60 minutes

Auxiliary Power	Code	Description
	24VDC	24Vdc
	24VAC	24Vac
	110VAC	110Vac
	230VAC	230Vac
	Other	Specify (subject to technical viability)

Options	Code	Description
	Preset	Factory Preset Fixed Time Range (specify)
	ERS-14SS	14 Pin DIN Rail/Panel Mount Socket

Example	MT4L10S230VAC

Specification

Repeat Accuracy:
- ±2% at constant ambient
- Setting accuracy ±5%

Power Supply Voltage:
- 24Vac, 110Vac, 230Vac (±15%)
- 24Vdc (±15%)

Burden:
- 2W or 2VA maximum

Frequency:
- 50/60Hz

Relay Output:
- 4 pole changeover contacts

Contact Rating:
- 3A at 240Vac/30Vdc (resistive)

Electrical Contact Life:
- 200,000 operations at 3A

Mechanical Contact Life:
- 20 million operations at rated output

Reset Time:
- 100ms approx.

Operating Temperature:
- -10°C to 60°C

Enclosure Code:
- Case IP40

Weight:
- 50g

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

Specification subject to change without notice.

Tempatron: Eltime House, Hall Road, Maldon, Essex, CM9 4NF UK.

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