4TC and 4TCD1
Switchboard-Mounted Programmable Timers

clipsal.com

CLIPSAL®

by **Schneider** Electric

INDUSTRIAL

Clipsal timers
won't forget.

Timer control to suit your electricity needs

Small things usually go unnoticed, until they add up to something big. Often it's out of sight, out of mind... until the electricity bill arrives.

Clipsal Programmable Timers are ideal for both residential and commercial applications. They'll ensure your electricity comes on when it's required, and goes off when it's not.
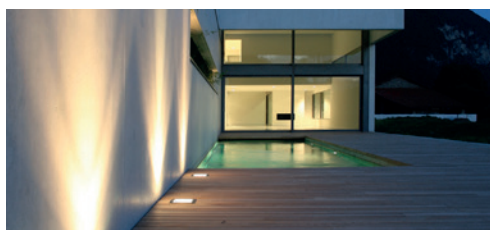
Customise settings to suit your needs

No matter how big or small your home is, Clipsal Programmable Timers will never forget. The 50 programmable memory spaces and higher current rating that come with the 4TCD1 Digital Programmable Timer, or 30-minute time intervals on the 4TC Analogue Timer, will allow you to customise your electricity usage the way you want it. For example, during the darker, winter months, it's nice to have some light on in the driveway when you come home from work. You can set your outdoor lighting circuit to come on shortly before you arrive home each day, and then off again once you're inside and settling in for the night.

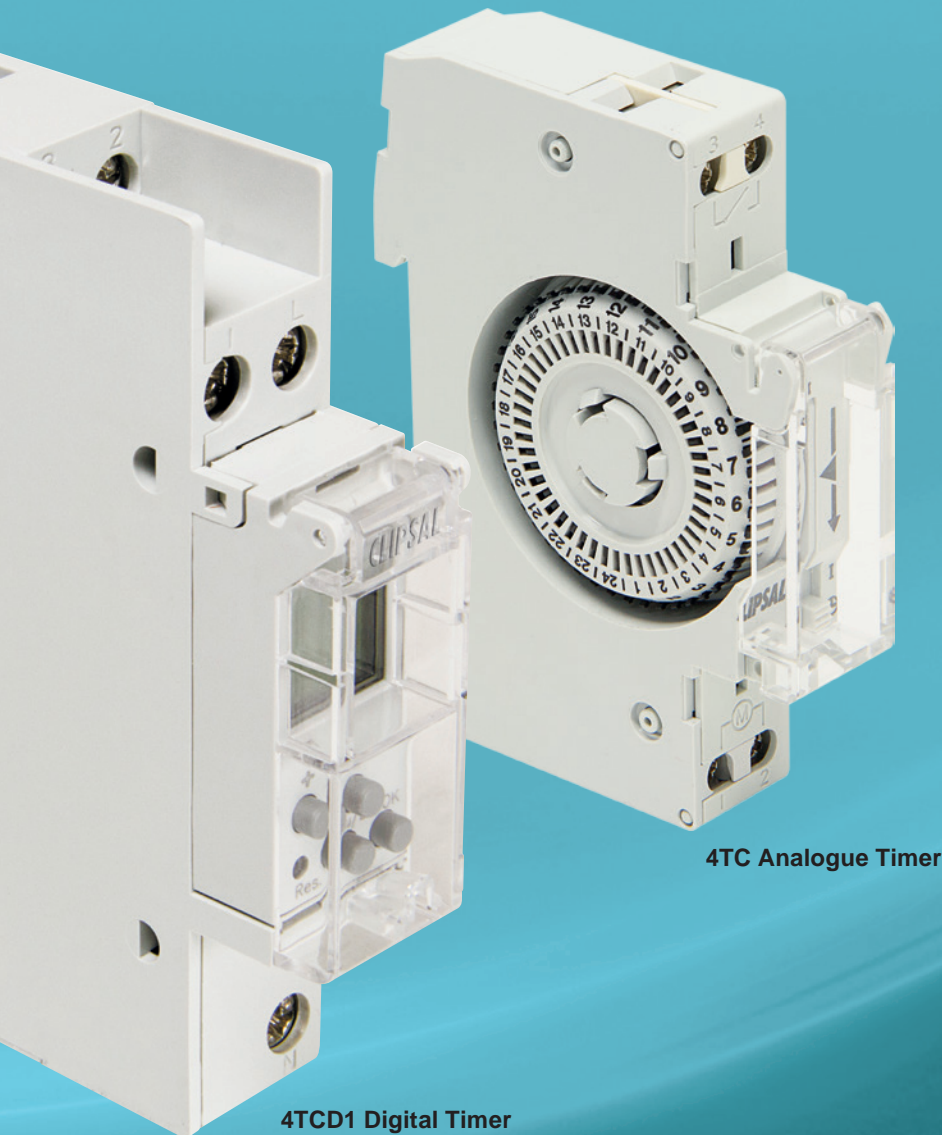# Simply set and forget

R E S I D E N T I A L

Lighting

Pools and irrigation

More efficient use of energy at home and at work

Timer control for your entire home

Whether it's the pool pump and sprinkler system that don't get used during winter, or the lights and hot water system that don't get used when you're away; your power will never be on longer than required. You can even deter intruders by programming the lights, TV or garden features to come on while you're away, to make it look like someone is home at all times.

Flexibility for installation and set-up

Available in both digital and electro-mechanical models, the slim design of Clipsal Programmable Timers creates additional room for multiple timers on the same DIN rail. Once installed, the simple controls allow for a quick initial set-up, so the timers can get busy doing what they do best!

Perfect for commercial applications

The higher 16A current rating makes these timers perfect for commercial use too. Small industrial sites might have security and lighting, or area lighting, situated on different circuits. For example, if you require showroom lighting to remain on while the factory lights go off at night, simply set and forget. If you require the security system to remain on but all the lights to go off at night, simply set and forget.

4TC Analogue Timer

4TCD1 Digital Timer

COMMERCIAL

Hot water systems

Displays

Technical specifications

Clipsal Programmable Timers

	4TC	4TCD1
Time suitability	24-hour timer	7-day timer
Weight	100g (approx.)	100g (approx.)
Changeover contact (normally open)	Yes	Yes
Operational voltage	250V a.c. (10%–20%)	250V a.c. (10%–20%)
Maximum a.c. resistive load	16A 250V	16A 250V
Maximum a.c. inductive load	4A 250V cos ø = 0.6	8A 250V cos ø = 0.6
DC switching capacity	24V d.c./50V d.c./220V d.c./ —	800mA/300mA/150mA
Motor rating	M40	M40
Ambient temperature range	-25°C to 55°C	-25°C to 55°C
Accuracy	Typ. +/-2.5 seconds/day at 20°C	Typ. +/- 2.5 seconds/day at 20°C
Battery running reserve	–	3 years from factory at 20°C
Battery	–	Replaceable lithium
Memory locations	–	50
Shortest switching times	30 minutes	1 minute
"Holiday" mode	–	Yes, up to 99 days
"Daylight Saving Time" mode	–	+/- 1 hour
Random switching	–	Continuous or programmable start/stop time and day
Manual switching	Bypass switch	Automatic/preselection Fix ON/ Fix OFF
Power consumption	1VA	5VA
Terminals capacity	1 x 4mm^2 or 2 x 2.5mm^2	1 x 4mm^2 or 2 x 2.5mm^2
Panel cut-out	46mm x 18.5mm	46mm x 18.5mm

Dimensions in mm

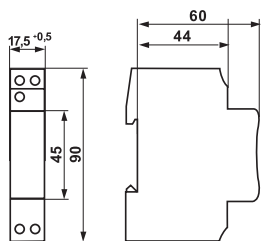**Electrical connections**

4TC

4TCD1

4TCD1 features and benefits:

- 50 programmable memory spaces (one memory space required per action)
- higher current rating for larger loads
- 150-hour reserve battery backup to preserve settings
- replaceable lithium battery and no charging time required
- slim, space-saving design (17.5mm to suit 35mm DIN rail)
- "Holiday" and "Daylight Saving Time" modes
- instant display on power-up
- user-friendly menu and push-button controls
- compatibility with other circuit protection devices.
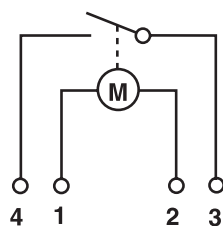
4TC features and benefits:

- 30-minute timer intervals
- electro-mechanical reliability
- easy pinwheel programming
- slim, space-saving design (17.5mm to suit 35mm DIN rail)
- inbuilt bypass switch to override timer function
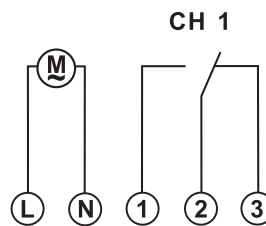- compatibility with other circuit protection devices.

For more information about Clipsal Switchboard-Mounted Programmable Timers, contact your Clipsal by Schneider Electric Representative, your local electrical wholesaler or visit clipsal.com

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