Clipsal timers won’t forget.

4TC and 4TCD1
Switchboard-Mounted Programmable Timers

clipsal.com

INDUSTRIAL
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.
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.

4TCD1 Digital Timer
4TC Analogue Timer

COMMERCIAL

Hot water systems  Displays
### Technical specifications

#### Clipsal Programmable Timers

<table>
<thead>
<tr>
<th>4TC</th>
<th>4TCD1</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Time suitability</strong></td>
<td>24-hour timer</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>100g (approx.)</td>
</tr>
<tr>
<td><strong>Changeover contact (normally open)</strong></td>
<td>Yes</td>
</tr>
<tr>
<td><strong>Operational voltage</strong></td>
<td>250V a.c. (10%–20%)</td>
</tr>
<tr>
<td><strong>Maximum a.c. resistive load</strong></td>
<td>16A 250V</td>
</tr>
<tr>
<td><strong>Maximum a.c. inductive load</strong></td>
<td>4A 250V cos ø = 0.6</td>
</tr>
<tr>
<td><strong>DC switching capacity</strong></td>
<td>24V d.c./50V d.c./220V d.c./ — 800mA/300mA/150mA</td>
</tr>
<tr>
<td><strong>Motor rating</strong></td>
<td>M40</td>
</tr>
<tr>
<td><strong>Ambient temperature range</strong></td>
<td>-25°C to 55°C</td>
</tr>
<tr>
<td><strong>Accuracy</strong></td>
<td>Typ. +/-2.5 seconds/day at 20°C</td>
</tr>
<tr>
<td><strong>Battery running reserve</strong></td>
<td>—</td>
</tr>
<tr>
<td><strong>Battery</strong></td>
<td>—</td>
</tr>
<tr>
<td><strong>Memory locations</strong></td>
<td>—</td>
</tr>
<tr>
<td><strong>Shortest switching times</strong></td>
<td>30 minutes</td>
</tr>
<tr>
<td><strong>“Holiday” mode</strong></td>
<td>—</td>
</tr>
<tr>
<td><strong>“Daylight Saving Time” mode</strong></td>
<td>—</td>
</tr>
<tr>
<td><strong>Random switching</strong></td>
<td>—</td>
</tr>
<tr>
<td><strong>Manual switching</strong></td>
<td>Bypass switch</td>
</tr>
<tr>
<td><strong>Power consumption</strong></td>
<td>1VA</td>
</tr>
<tr>
<td><strong>Terminals capacity</strong></td>
<td>1 x 4mm² or 2 x 2.5mm²</td>
</tr>
<tr>
<td><strong>Panel cut-out</strong></td>
<td>46mm x 18.5mm</td>
</tr>
</tbody>
</table>

#### 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.

### Electrical connections

#### 4TC

- 1
- 2
- 3
- M

#### 4TCD1

- 1
- 2
- 3
- L
- N
- CH 1

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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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