

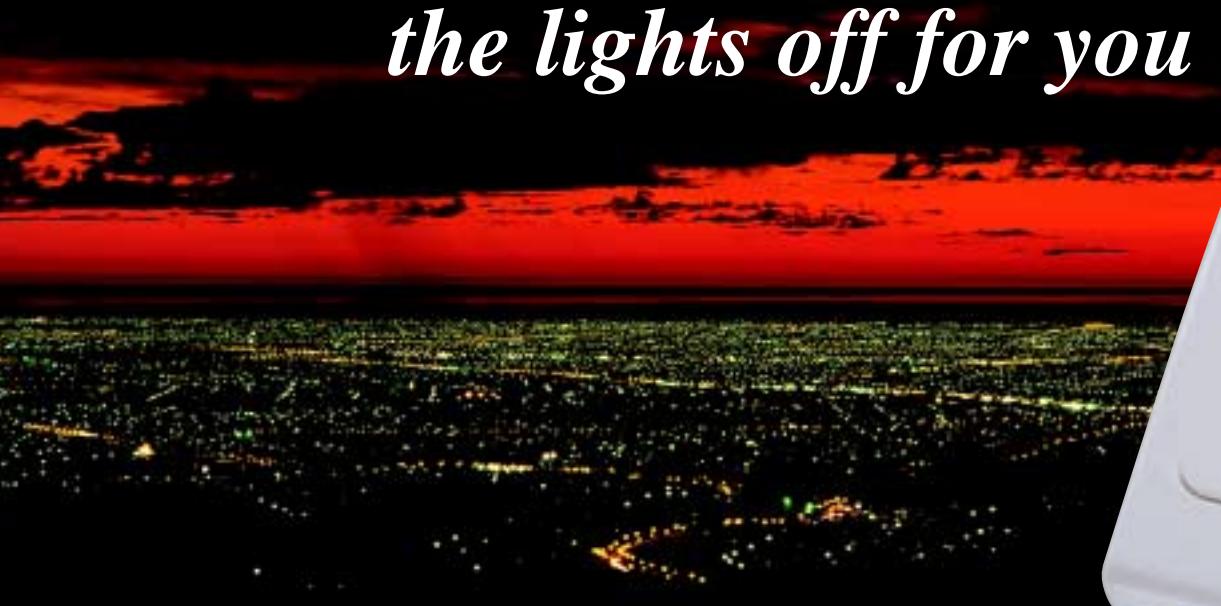
The New Range of Push-button Timer Switches



two and three
NEW
wire models

Energy and cost savings at the push of a button

Switches that turn the lights off for you



Switches that provide convenient, economical lighting

Clipsal now introduces a complete range of reliable and extremely accurate electronic timers to suit a variety of applications.

The new range is available in two and three wire configurations, with each unit having a maximum load rating of 10A.

These electronic timers automatically turn the load off after a preset period, resulting in real energy and cost savings. All are available in either Standard Range or 2000 Series formats.

Two wire operation

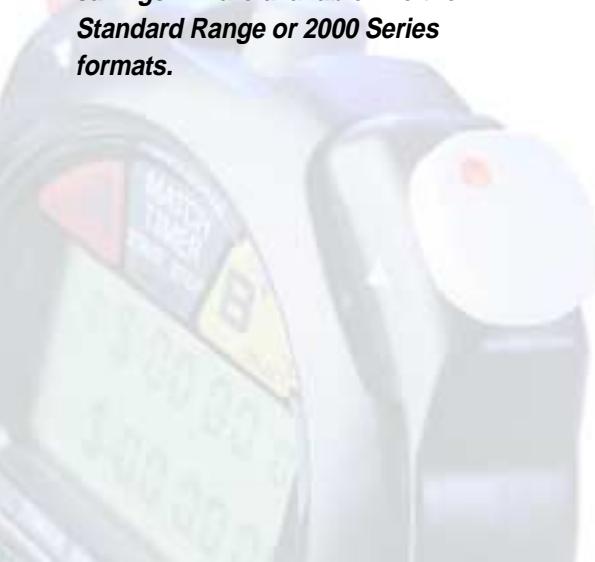
Our two wire electronic timers with override function incorporate a new circuit that allows the control of a 10A load current (relay output), without the need for a neutral connection.

These devices require a minimum load of 40mA to operate correctly. If the load to be controlled is less than 40mA, a load capacitor should be connected between the Load and Active terminal of the timer, or a three wire timer should be used.

Three wire operation

The three wire devices offer a number of advantages over the two wire models, including a longer time out period, programmable load status indicator, selectable switch modes (normally open or normally closed contacts) and no minimum load requirements.

Three wire devices require a neutral connection for correct operation.





Remote operation

All Clipsal electronic timers feature a remote connection facility which allows any number of remote push-button switches to be connected between this terminal and the neutral, to remotely trigger the timer.

Contact function

The electronic timers feature a 10A load circuit suitable for both incandescent and fluorescent loads. Two wire devices feature normally open contacts, while three wire devices feature a programmable contact function.

The installer selects either normally open or normally closed contacts, by setting the appropriate DIP switch on the rear of the unit.



Uses of Timer Switches

Timer switches are a convenient way of saving energy and money in areas where lights are usually needed for a limited or known time, such as pantries, stairways, bathrooms and storerooms.





Product Range

Catalogue No.	Description
31VETR	Two Wire Push-button Timer, 0 - 254 mins, Standard Range
2031VETR	Two Wire Push-button Timer, 0 - 254 mins, 2000 Series
31VETR3	Three Wire Push-button Timer, 0 - 15 hrs, Standard Range
2031VETR3	Three Wire Push-button Timer, 0 - 15 hrs, 2000 Series

Technical Specifications

Specification	2 Wire Devices	3 Wire Devices
Operating Voltage Range	190 - 265V a.c.	195 - 265V a.c.
Minimum Load Current	40mA	0mA
Timer Range	15 sec - 254 mins	10 sec - 15 hrs
Timer Accuracy	+/- 8%	+/- 1%
Contact Type	N.O.	N.O. or N.C.
Warm Up Time at 240V a.c.	30 seconds (max.)	-
Operating Temperature Range	0 to 40°C	-10°C to 50°C
Maximum Load Current	10A (incandescent or fluorescent)	
Maximum Length of Remote Input Cable	100 metres	
Standard Colours	White Electric (WE), Soft Grey (SG), Desert Sand (DS), Cream (CM)	

Features

Benefits

Improved terminal design	Ease of wiring termination and simplified installation
Connection for remote push-button switch	Permits remote control of timer from any number of locations using a standard push-button switch
Variable timer settings	Allows the timer to be used for maximum energy savings in a wide range of applications
10A load capability	Suitable for a wide range of loads, including incandescent and fluorescent lighting
New enclosure design	Provides more room for wiring and easier fitting into standard wall box
State of the art microprocessor design	Highly reliable and accurate timing
Near zero crossing turn on switching	Prolongs the life of the relay contacts - in excess of 100,000 operations
Simple set up procedures	Fast installation

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Order No. 17702