

## Features

- Used to reduce overall energy use and running costs of lighting in Commercial Buildings.
- Cost effective for Commercial Building retro-fit applications.
- Used in conjunction with central time scheduling via a time clock, Clipsal C-Bus, or an existing Building Management System.
- Local enable/disable of individual zone and auxiliary outputs.
- Fail-safe operation, any electronic component failure leaves lights on.



## 5623F Series

The Track 3000 System is a retro-fittable lighting energy management product. The unit is used primarily to reduce fluorescent lighting energy consumption in existing commercial buildings.

In conjunction with local wall mounted light switches in each open plan lighting Zone, the Track 3000 system provides a centrally located control panel where each lighting zone is automatically switched off at pre-determined times after working hours. The system can therefore be used to ensure that lighting is automatically switched off when not in use. The local wall mounted switches (generally located near the entrance to that particular Zone) allow occupants of a Zone to have full local on/off control of the lighting at all times. This allows a manual switch on, automatic switch off control philosophy to be adopted throughout a building. This provides much greater efficiency than the Automatic On and Off used in a number of existing buildings.

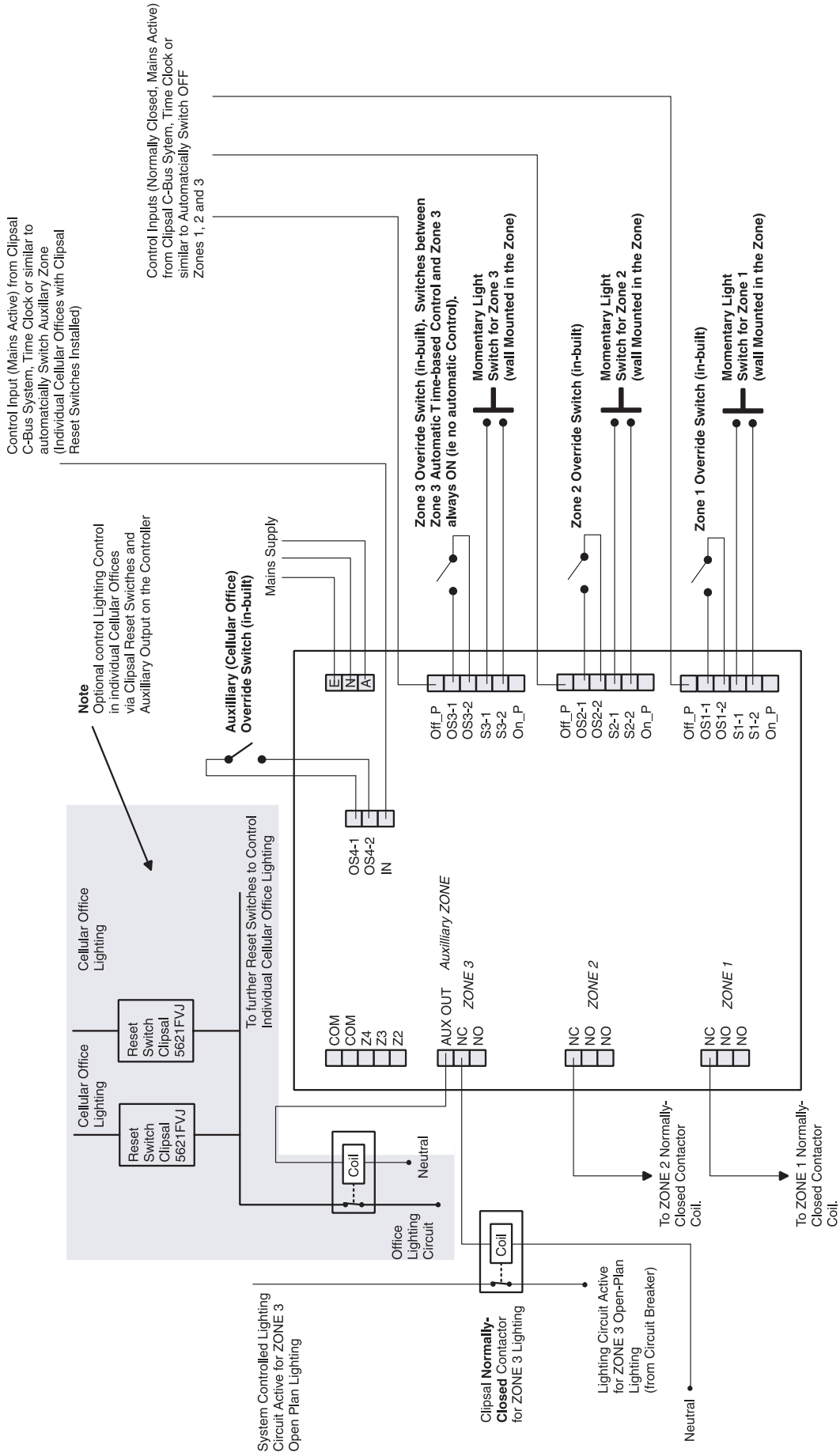
The system allows time-based control via a Clipsal C-Bus System, an existing Building Management System (BMS), a Time Clock with 240Vac relay outputs or similar.

One Clipsal Track 3000 unit allows control of three separate open plan Lighting Zones in a commercial building. More units, for additional Zones, can be added as required. The unit also has an auxiliary output to allow time-based switches of cellular offices with Clipsal Reset Switches installed (Clipsal Catalogue Number 5621FVJ). Control of Cellular offices in conjunction with Open Plan Zone control provides the most efficient lighting energy use in Commercial Buildings. See the diagram over leaf for typical connections of a Track 3000 System.

The Clipsal Track 3000 system has been designed as an efficient, failsafe system, to maximize potential lighting energy savings, with no risk of interruption during normal working hours. It is ideally suited to retrofit in multi storey buildings and is easily installed with minimal interruption to occupants.

[clipsal.com/cis](http://clipsal.com/cis)

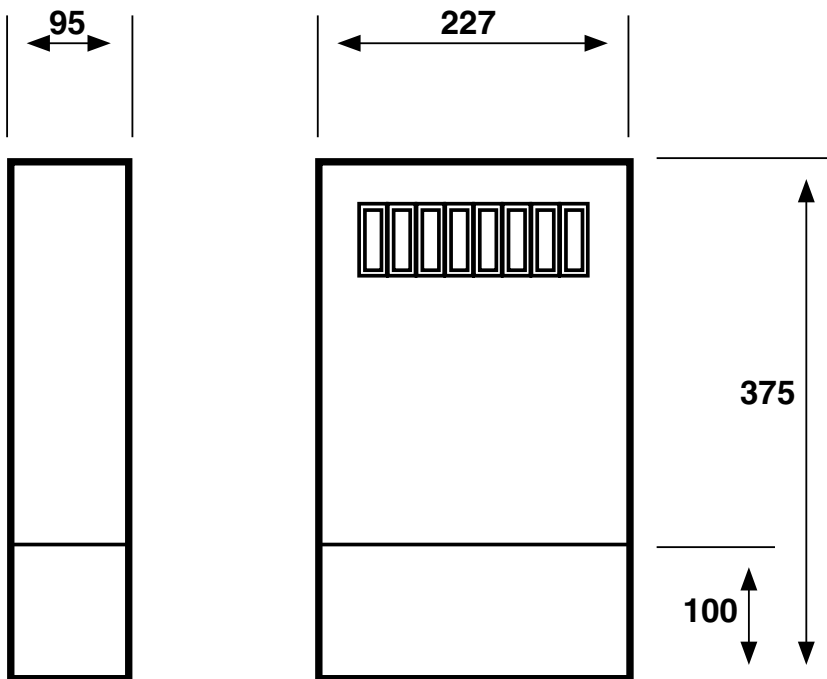
# Typical Connection Schematic Diagram



## Product Specifications

General Limits	Supply Frequency Nominal Supply Voltage Maximum Power Consumption at 240Vac (no load) Maximum System Load Current	50Hz 220 / 240Vac 8W 8A
Zone Outputs	Maximum Load / Zone Contact Switching Arrangement Compatible Loads	2A Switched Active N.C. & N.O. - Inductive (Contactor Coil loads)
Auxiliary Output	Maximum Load Contact Switching Arrangement Compatible Loads	2A Switched Active N.O. - Inductive (Contactor Coil loads)
Inputs	Min. On Pulse Time (On_P) required Min. Off Pulse Time (Off_P) required Min. Off Pulse Time (for Z1 – Z4) required	1 second 2 seconds 2 seconds
Zone Momentary Switch	Minimum Switch Close Time Required Time Between Switch Press Maximum Switch and Cable Resistance	100ms 1 second 1000
Other Limits	Warm-Up Time Isolation Rating Mains Terminals ELV Terminals	2 seconds 3750Vac for 1 minute (extra low voltage to mains) 2 x 2.5mm <sup>2</sup> solid or 1 x 4mm <sup>2</sup> stranded cable Accommodates 1 x 1.5mm <sup>2</sup> cable
Mechanical Details	Shipping Weight Dimensions (LxWxD) Operating Temperature Operating Humidity	3.5kg 380 x 230 x 95mm 0 – 45°C 10 – 95% RH

## Mechanical Details



All dimensions are in millimeters.

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**Head Office**

12 Park Terrace, Bowden,  
South Australia 5007

Telephone (08) 8269 0560  
International +61 8 8269 0560

Facsimile (08) 8346 0845  
International +61 8 8346 0845

E-Mail [cis@clipsal.com.au](mailto:cis@clipsal.com.au)

Internet [clipsal.com/cis](http://clipsal.com/cis)

**International Enquiries****Head Office Export Department**

Telephone +61 8 8269 0587

Facsimile +61 8 8340 7350

E-Mail [export@clipsal.com.au](mailto:export@clipsal.com.au)

Internet [clipsal.com](http://clipsal.com)

**New Zealand**

Clipsal Industries (NZ) Ltd  
Telephone +64 9 576 3403

**Malaysia**

Clipsal Integrated Systems Sbn Bhd  
Telephone + 60 3 7665 3555

**Singapore**

Clipsal Integrated Systems Pte Ltd  
Telephone +65 266 1998

**Hong Kong**

Clipsal Integrated Systems (HK) Limited  
Telephone +852 2 487 0261

**China**

Clipsal China Limited  
Telephone +86 755 246 1122

**Taiwan**

Clipsal (Taiwan) Co Ltd  
Telephone +886 2 2558 3456

**Thailand**

Clipsal Thailand Ltd  
Telephone +66 2 952 5338

**South Africa**

Clipsal South Africa (Pty) Ltd  
Telephone +27 11 314 5200

**United Kingdom**

Clipsal Ltd (UK)  
Telephone +44 1494 521 111

**Greece**

Clipsal Hellas S.A.  
Telephone +30 1 0993 9165

