

# EASY BLINDS

Automation Powered by Somfy & CBUS

November 2017

## A NEW IMPROVED METHOD OF BLIND AUTOMATION IS NOW POSSIBLE...

... using Somfy Wireless RTS motorised blinds integrated with the Clipsal CBUS Solution. Significant cost benefits are possible over the existing approach and savings of up to \$500 per blind are now possible when automating blinds using this approach.

## WHY SHOULD BLINDS BE ON AN AUTOMATED SYSTEM?

- Automatic closure options at pre-defined times (typically sunset).
- Automatically open at pre-defined times or based on occupancy (typically key living areas).
- Eliminates the need to manually operate the blinds via local switches.
- Blinds can be linked to temperature sensors for to reduce energy consumption.
- Increased security and privacy.
- Ease of use - iPhone, iPad and touch screen control.

## Existing Solution - Key Components

- CBUS Shutter relays typically one per blind motor.
- Large Home – Real Case Study (as shown), 35 Shutter Relays, approximately 1km of TPS (240 volt A,N,E) in 1.5mm, plus 1km of SDI (Single Active).
- In this case a complete additional distribution board is required.
- Blind decisions (number per window or door, sheer/block out) have to be early before cabling and often these decisions are wrong.
- Hardwired control solutions require local limit setting, often very difficult due to access.



## New Solution Components

- Savings of this approach per automated blind is estimated to be up to \$500 per motor (shutter relay, cable, labour effort to cable, terminate and limit setting).
- One Somfy RTS Transmitter supports 16 groups of Blinds (medium size home requires typically just one, large home two).
- Wiring only requires hard 240volt (un-switched) supply from the closest supply point (typically GPO), to the motor; multiple motors can use this supply. Cabling reduced by approximately 95%, significant material and labour saving, no effort to wire relays.
- Pairing and limit setting all completed wirelessly and effortlessly.
- Final blind and motor decisions can be made at any time.



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**C-Bus**  
ENABLED PARTNER

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## NEW SOLUTION - DETAILS

### What do I get in the “Easy Blinds” Package?

- Somfy RS485 RTS Transmitter. Additional Somfy RTS Transmitter units available on application.
- Clipsal 5500PACA pre-programmed and pre-wired to communicate with the RTS Transmitter(s).
- All the hardware to communicate between the PAC and the RTS Transmitters.
- Detailed instructions on how to link the RTS to Somfy RTS Blind motors.
- Detailed instructions on how to link CBUS Switches and components to operate the blinds.

### What type of blinds and motors need to be used?

- The solution requires the use of any Somfy RTS motor (the industry standard), work with your blind manufacturer on this.
- Alternatively if you would like a quote on the supply of Somfy RTS motors, please let us know.
- Please also ensure that each site has at least one single channel Somfy Situo remote for limit setting and linking.

### What do I need to know?

- Do you regularly work with CBUS products? Are you a CBUS installer? If so then you already have all the knowledge to install this product.
- The team at Smart Automation Supplies will configure and wire everything before shipping the package, to provide a plug and play solution.
- A detailed RTS linking and CBUS programming manual will step you through the installation and our technical support will smooth any hitches you come across in the installation.

## WHAT IS THE COST?

### “Easy Blinds” Package

**\$1,850.00** (ex GST)

This package pricing, represents significant discount on the individual purchasing of a PAC from Clipsal and the RS485 Transmitter from Somfy. Price includes all required components, prewired, preprogramed, tested and shipping to anywhere in Australia. In addition the PAC supports connectivity to the CBUS system and avoids the need for a CBUS Serial interface and also provides additional programming opportunities.

## HOW DO I ORDER?

1. Via email to [sales@sasys.com.au](mailto:sales@sasys.com.au)  
Subject “Easy Blinds”
2. Call us on **1300 211 644**

## CAN I HAVE MORE TECHNICAL DETAILS?

- The transmitter has 16 different control channels for groups of blinds. More can be made available by increasing the number of transmitters, this can be easily done.
- Each channels can have multiple motors linked, typically blinds within a room.
- In our experience a standard medium home can be satisfied with just one transmitter, a large home with 2 transmitters.
- The solution links the CBUS PAC and Somfy RTS Transmitter via a serial RS232 to RS485 convertor, which also has a power supply for both the PAC serial port and the convertor (pre-wired).
- We have pre-programmed the CBUS PAC unit in Piced to use predefined lighting group addresses for control of open, close, stop and favourite positions. We also support linking of Somfy RTS motors to the RTS Transmitter via CBUS.
- Specific unique serial messages for the RTS Transmitter have been created and stored in the PAC.
- We have also set up to use non-lighting CBUS application addresses if this is your preference.
- Our next release is planned using IP Integration utilizing the recently released Somfy Tohamo One Control