

A line drawing of a window with Glydea ULTRA curtains. The curtains are shown in a partially open position, revealing a window frame. To the right of the window, there is a potted plant with large, lobed leaves. The drawing is minimalist, using black outlines on a white background.

# Glydea® ULTRA

For Interior Curtains

somfy®

# Product Introduction

## WHY CHOOSE SOMFY Glydea® ULTRA RANGE?

### Aesthetic

- Clean, premium motor design with built-on control modules.
- Easy to conceal behind drapery fabric
- Adjustable limit setting provides precise alignment of drapery fabric.
- Advanced track design and swivel ceiling brackets minimizing light gaps
- Soft start and soft stop drapery motion
- Improved hardware design provides greater overlap and even stack back.

### Easy Installation

- Spring loaded one-touch hardware (wall and ceiling mount)
- Motor can be installed to the right or left side of the drapery track.
- Automatic or adjustable limit setting
- Inverse (top mount) option allows the motor to be installed above the track.

### Flexible

- Patented versatile master carrier reduces friction and is adaptable to various drapery types.
- Multiple built-in control options allow seamless integration with third-party systems.
- Adjustable drapery speed control.

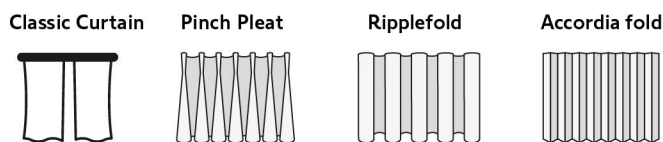
### Ultra Quiet

- Motor design and advanced high-performance belt drive system provide quiet operation (<38dBA)

### Efficient

- Touch motion feature allows the user to activate the motorized drapery simply by pulling on the fabric
- Manual override permits the drapery to be adjust manually. This is ideal for power outages and alsoprotects the fabric from damage.
- The “my” function allows user to set a preferred drapery opening which provides enhanced convenience

### Total Applications



### Somfy Technologies



**Wired Technology** is the most basic method of control, using a direct connection from a control point



**Dry Contact Technology** is a wired method of control, using a direct connection from a control point to a motor via a DC low voltage wire.



**Radio Technology Somfy** is an exclusive remote control protocol used to operate and control wirelessly.



**Digital Technology Somfy (SDN)** is a control method using a two-wired bus. Many building management systems (BMS) use RS485 protocol



**The ZigBee®** protocol is a low-powered RF mesh networking technology that uses the reliable 2.4Ghz standard

### Main Functionalities



**Designed for silence**



**Manual operation possible in case of power failure**



**Touch Motion**  
Open and close the curtain simply by pulling on the fabric.



**Adjustable speed**  
Up to 20 cm/s.



**Back release**  
Relax the fabric.



**Soft start and Soft stop**

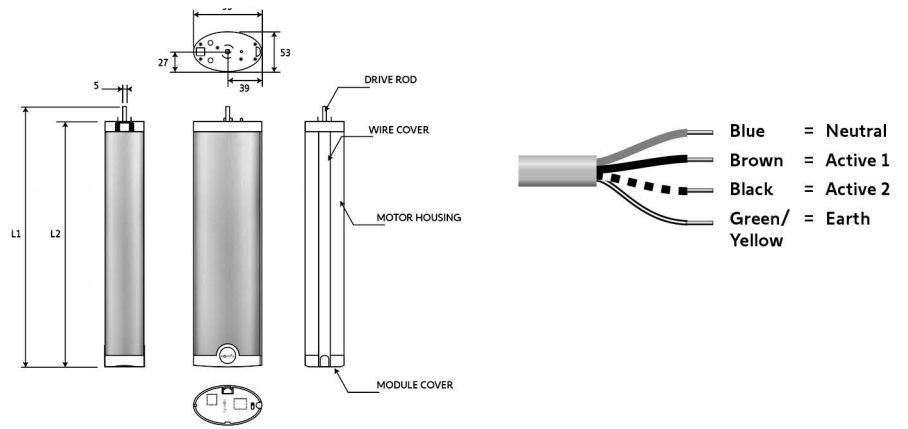


**Module Compatibility**

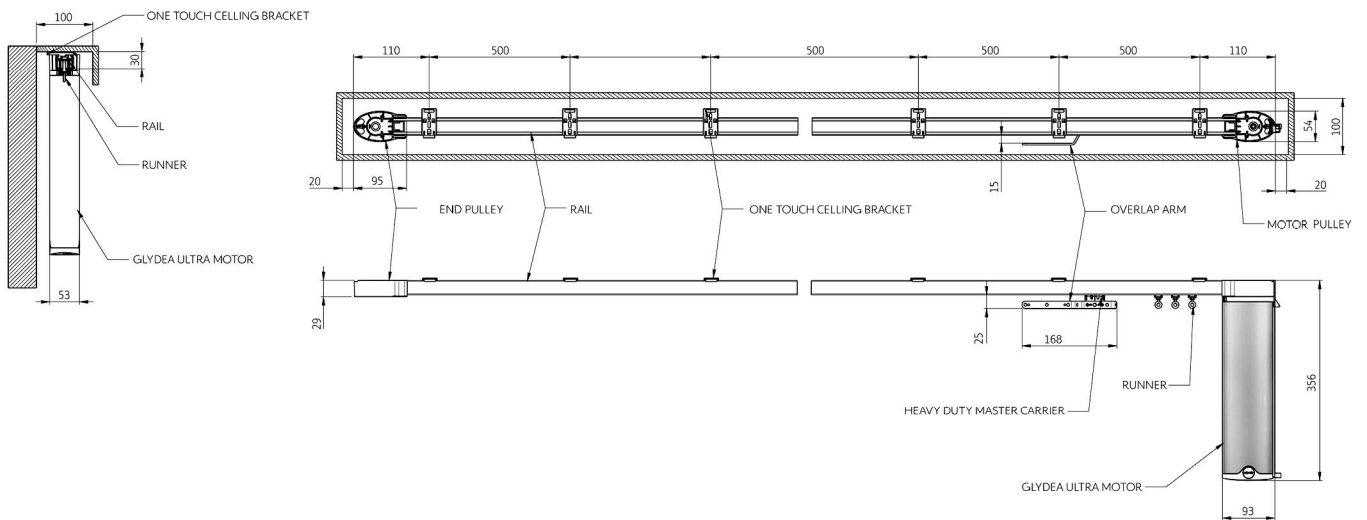
# Product Introduction

## Motor Dimension

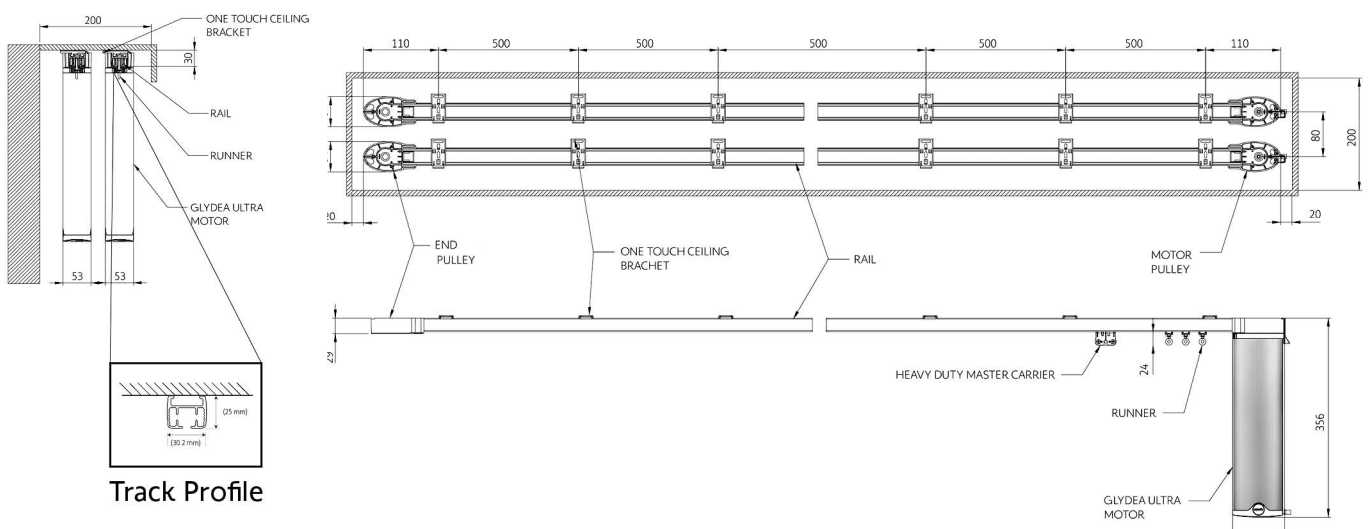
Motor length (L1) 328 mm  
 Motor length (L2) 348 mm



## Single track curtain



## Double track curtain



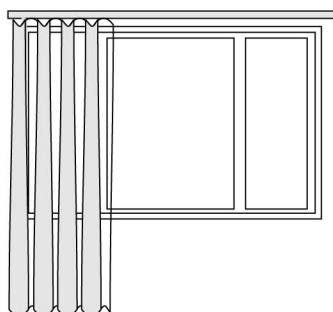
Track Profile

# Product Specifications

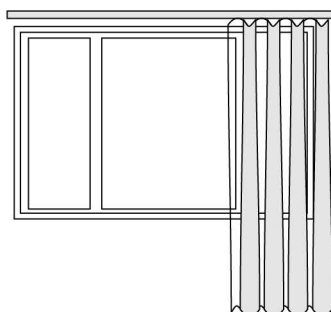


		<b>Glydea Ultra 35e/60e WT</b>	<b>Glydea Ultra 35e/60e DCT</b>	<b>Glydea Ultra 35e/60e RTS</b>
<b>Application</b>	Curtain maximum weight	35 / 60 Kg	35 / 60 Kg	35 / 60 Kg
	Track maximum length	10 m / 12m	10 m / 12m	10 m / 12m
<b>Functionality</b>	My position	✗	✓	✓
	Manual operation	✓	✓	✓
	Touch Motion	✗	✓	✓
	Silent mode	✓	✓	✓
	Automatic limits	✓	✓	✓
	Adjustable limits	✓	✓	✓
	Motor direction change	✓	✓	✓
	Soft start / stop	✗	✓	✓
	LED indicator	✓	✓	✓
	Factory reset	✓	✓	✓
<b>Installation</b>	Cable hiding	✓	✓	✓
	Top mount	✓	✓	✓
	Tandem (only 60e)	✓	✓	✓
<b>Control</b>	RTS control	✗	✗	✓
	Module compatibility	✗	✓	✓
	Bi-directional motor	✗	✓	✓

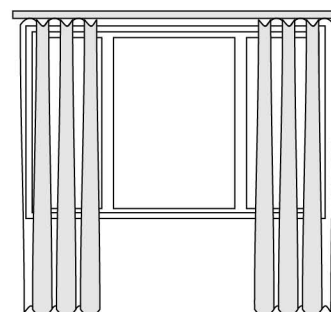
## Stack Options



**L=Left**



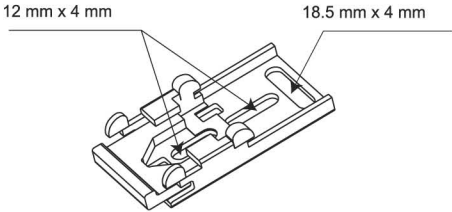
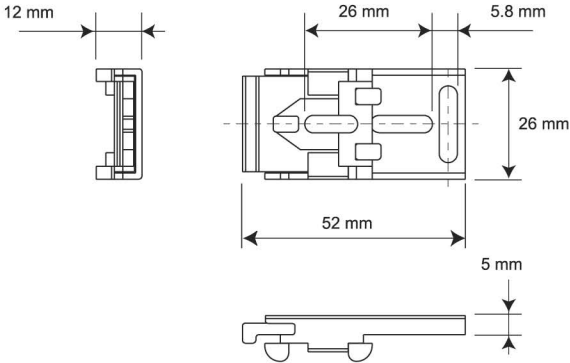
**R=Right**



**S=Split**

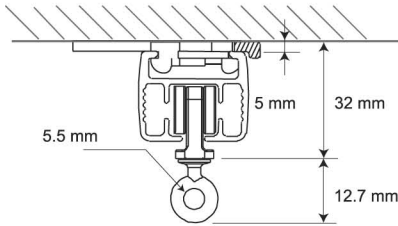
## Ceiling Bracket

### One Touch Ceiling Bracket

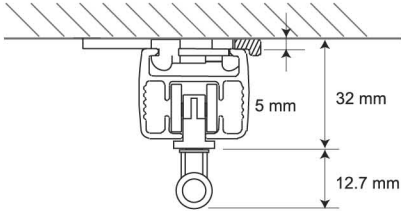


### Carriers

#### Pinch Pleat

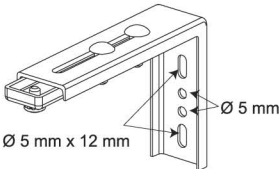
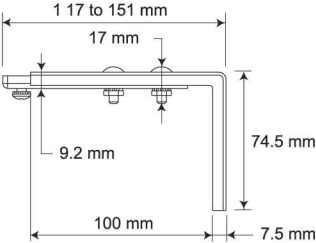


#### Ripplefold®/Accordia®

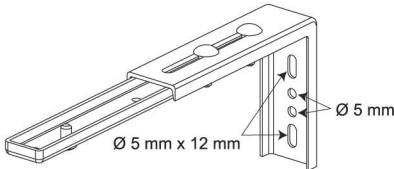
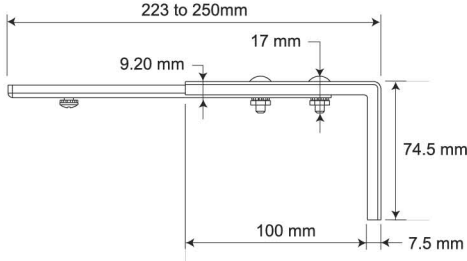


## Wall Bracket

### Adjustable Wall Mount Bracket

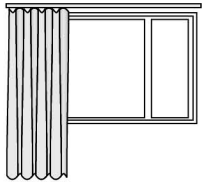


### Double Adjustable Wall Mount Bracket



# Track Configurations

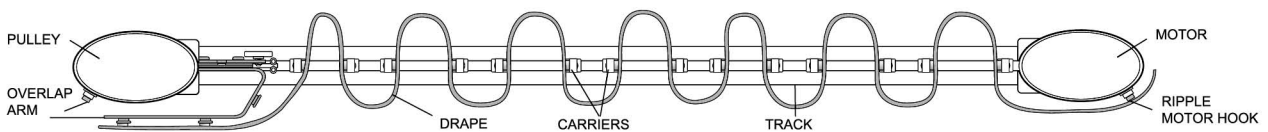
## RIPPLEFOLD One Way Stacked



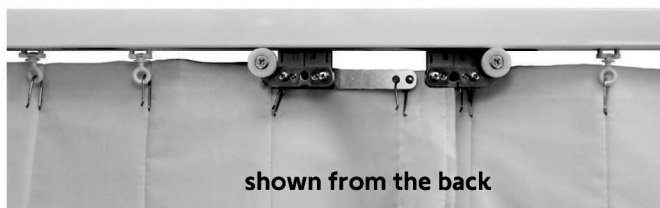
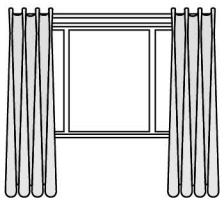
**REQUIRED ARMS (1)**  
One Way Overlap Arm Kit



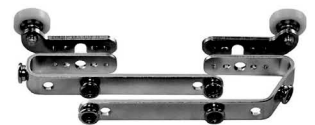
Bottom-up view of track and drape assembly



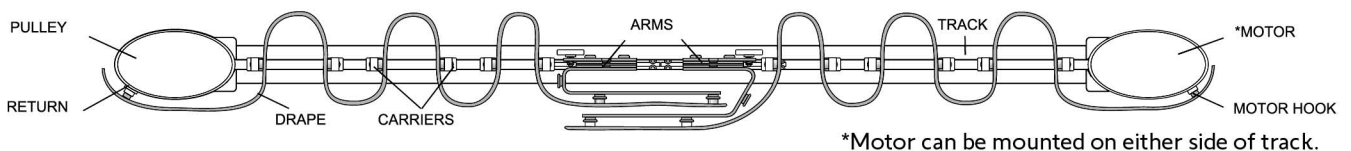
## Center Opening



**REQUIRED ARMS (1 each)**  
Straight Arm Kit

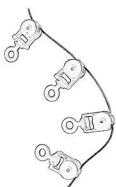


Bottom-up view of track and drape assembly



## Accessories

### Option 1 : with Hook



**Rotating ripple eyelet runner 60mm GA**  
Runner mounted on wheels for fullness ripple curtains  
- 100% fullness  
- 80% fullness

### Top view fullness

**120% / Fullness**

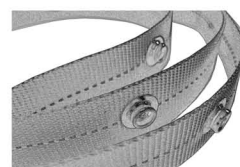
**100% / Fullness**

**80% / Fullness**

### Option 2 : with Snap tape



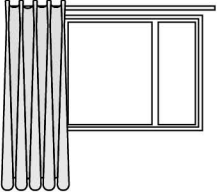
**Ripple runner 17/8 GA**  
Runner mounted on wheels for fullness ripple curtains  
- 120% fullness  
- 100% fullness  
- 80% fullness



**Ripple snap tape**

# Track Configurations

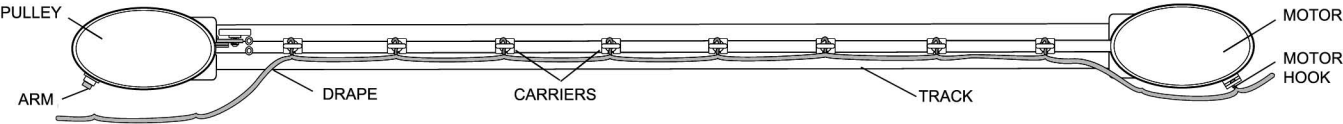
## PINCH PLEAT One Way Stacked



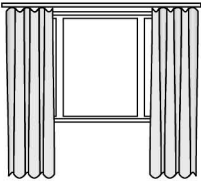
**REQUIRED ARMS (1)**  
One Way Overlap Arm Kit



Bottom-up view of track and drape assembly



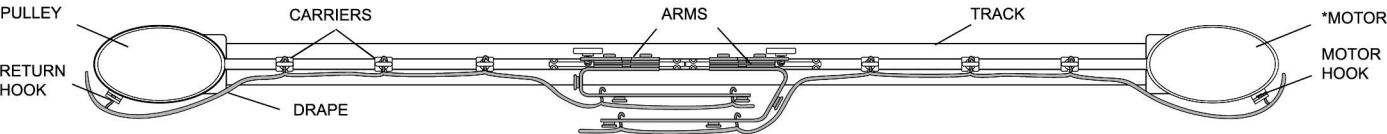
## Center Opening



**REQUIRED ARMS (1 each)**  
Straight Arm Kit

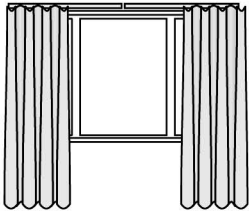


Bottom-up view of track and drape assembly



# Special Configurations

## PINCH PLEAT AND RIPPLEFOLD Two Motors Tandem



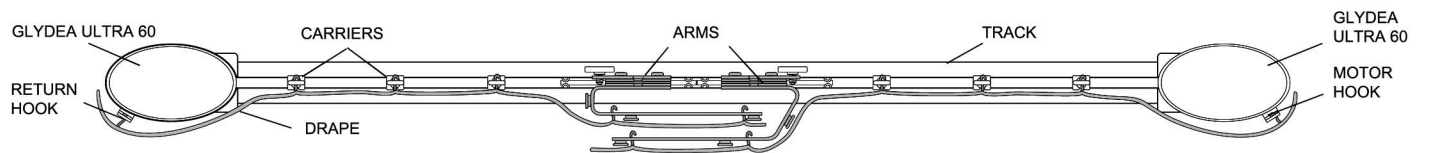
### REQUIRED ARMS (2)

Straight Arm Kit



Overlap Arm Kit

Bottom-up view of track and drape assembly

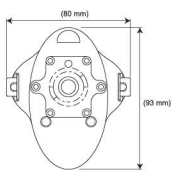


### Remark :

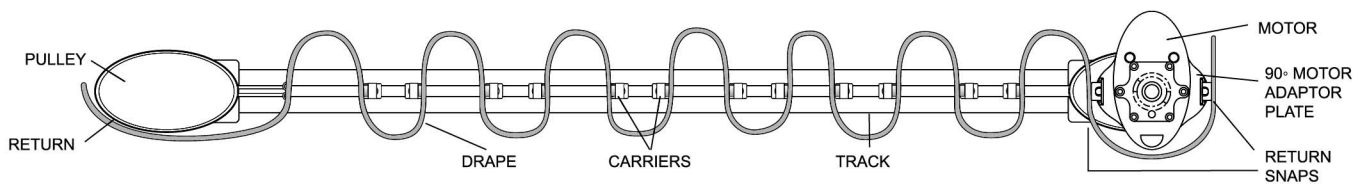
Two numbers of Glydea Ultra 60 in tandem can handle load up to 100kg

## 90 degree motor plate

### 90 Degree Motor Plate



**90 degree motor adaptor**  
Compatible with Glydea and Movelite pulley, provides for 90 degree positioning of the motor, enabling consistent fabric fold



# Transversing capacity

Motor load capacity according to track opening, shape and length.

In the charts below we give the maximum weight of curtain in Kg, which has to be motorised by different curtain motor versions according to the different track configurations and lengths of the track.

When calculating the weight of the curtain, the fullness ratio of the curtain has to be taken into account:

Weight of the curtain = fabric weight/m<sup>2</sup> x curtain covered area x fullness ratio

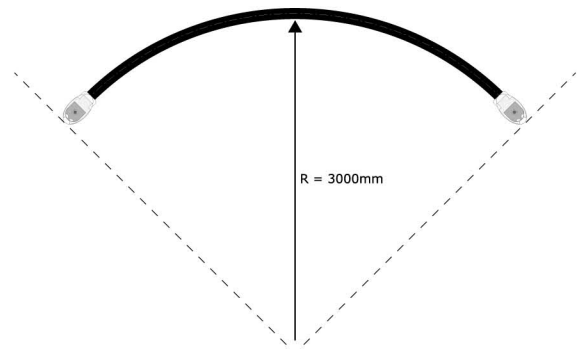
The transversing capacity is given for an installation with no extra friction created by the fabric curtain touching the rail or the track pelmet.

## Bending radius minimum 300mm



Due to the bending process, 285mm of the rail is still straight on both sides of the curve or the arc shape.

## Arc radius minimum 3000mm



## Track Type : One way



R = 300 mm



R = 300 mm



R = 3000 mm



## Track Type : Two way



R = 300 mm



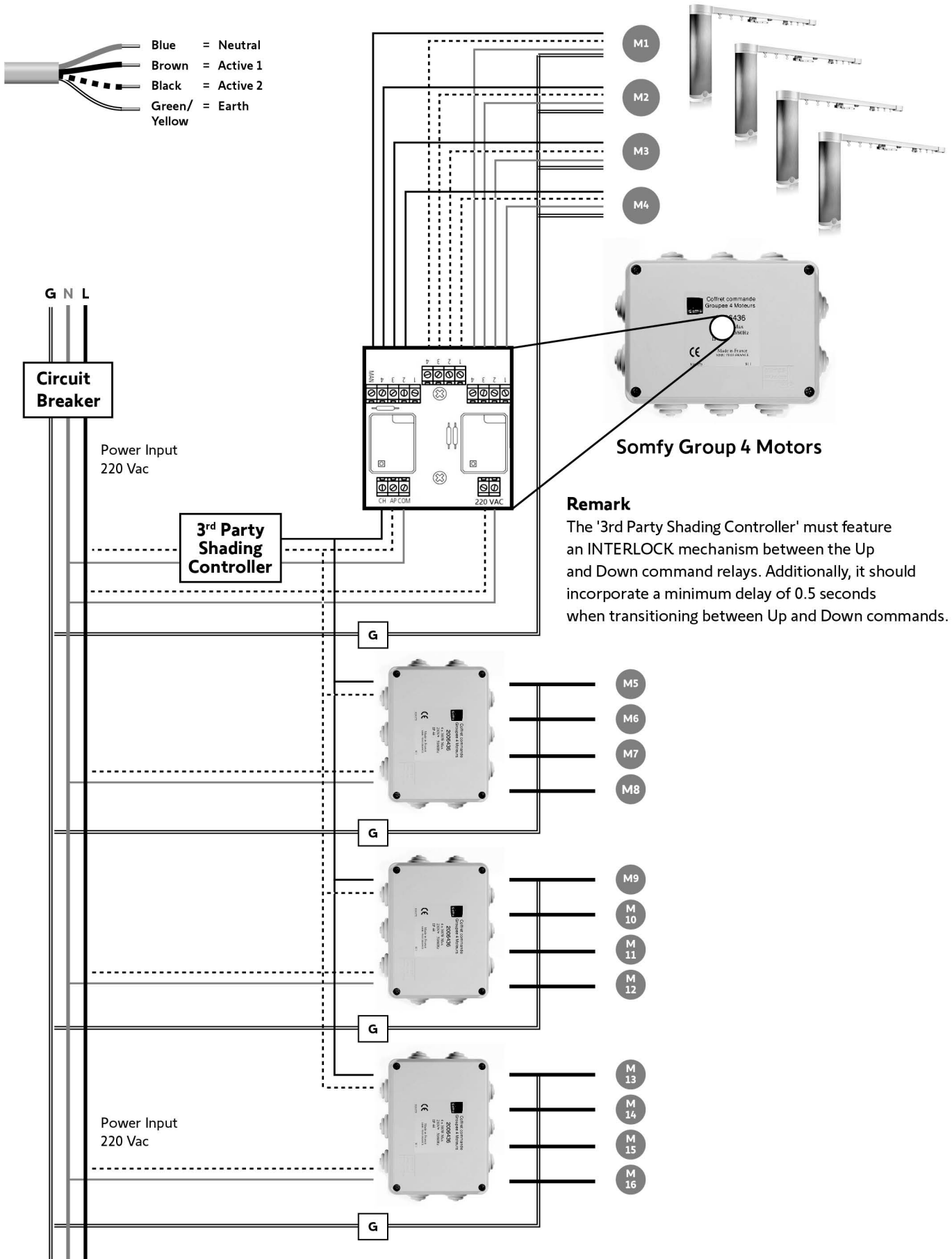
R = 300 mm



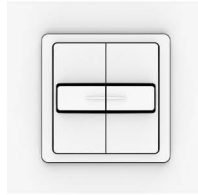
R = 3000 mm



# Group control wiring for WT motors



# Control options



**RTS Smoove UNO**

**RTS Smoove DUO**

**RTS Smoove**

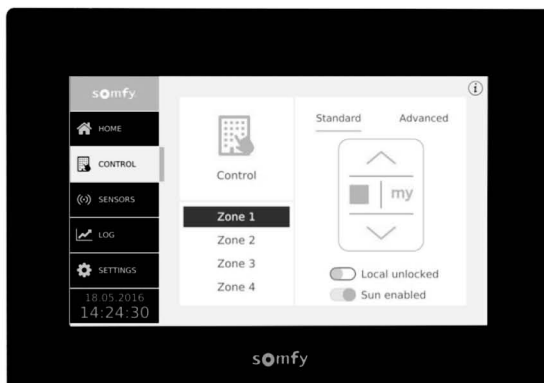


**RTS Telis 16**

**RTS Situ**

**RTS Situ Variation**

**TaHoma**



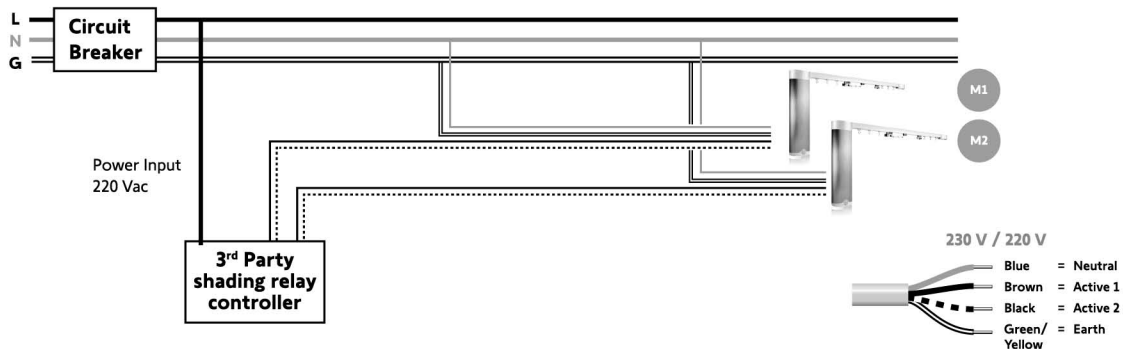
**Animeo Touch Bucu**  
 animeo® IB+

**TaHoma Living App**

# Integration with 3<sup>rd</sup> party Automation systems



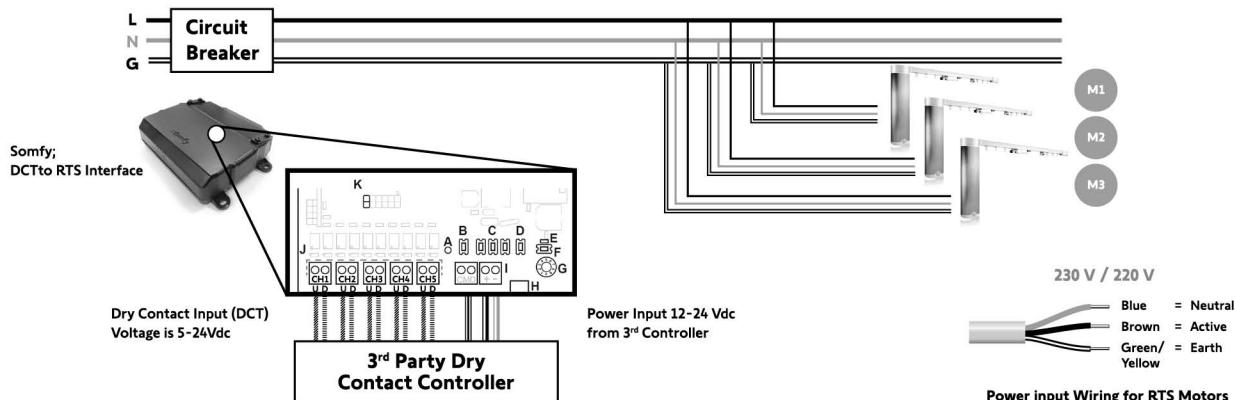
## Interfacing SOMFY WT motor with 3<sup>rd</sup> Party Shading Relay Controller



Remark: The '3<sup>rd</sup> Party Shading Controller' must feature an INTERLOCK mechanism between the Up and Down command relays. Additionally, it should incorporate a minimum delay of 0.5 seconds when transitioning between Up and Down commands.



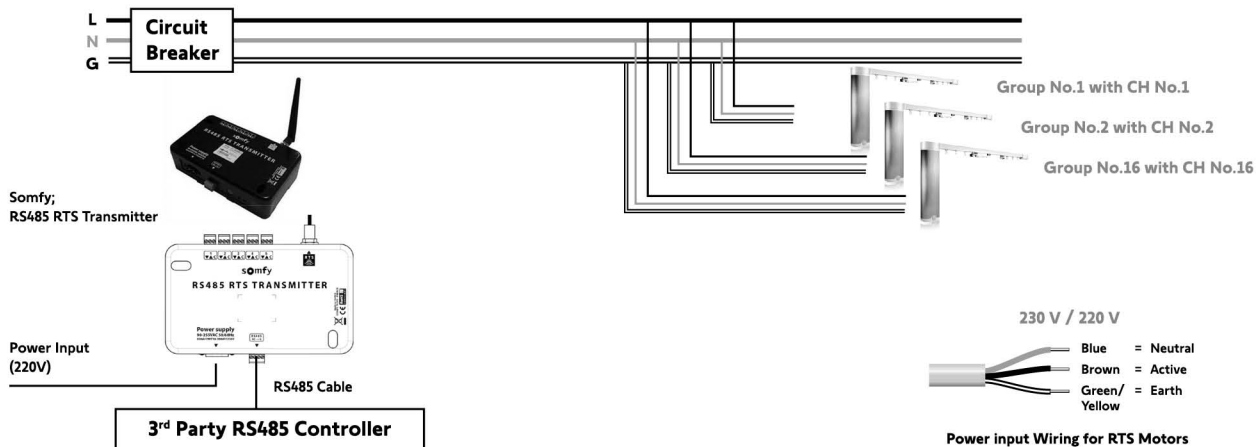
## Interfacing SOMFY RTS Motor with 3<sup>rd</sup> Party Via DCT Module



Remark: This integration module empowers users to exercise control over 5 distinct groups of RTS motors. Each of these groups has the flexibility to control one or multiple RTS motors that fall within the integration module's operational range.



## Interfacing SOMFY RTS Motor with 3<sup>rd</sup> Party Via RS485 interface



Remark: This integration interface provides the capability to command and manage up to 16 motor groups. Each group may comprise one or multiple motors, as long as they fall within the RTS radio range.

# Somfy Interfaces



2006436  
Group Control  
Box 4 Motors



1860049  
animeo IB+ 4 AC Motor  
Controller WM



1860105  
RTS Radio Module  
433 MHz



1810803  
RS 485 RTS  
TRANSMITTER



1811549  
DCT 2 RTS  
Dry Contact to RTS  
Interface

DRY CONTACT





Make the move

#### About Somfy

For more than 50 years, Somfy has been driving durable positive motion as a pioneer in window and door automation. Developed with comfort, ease of use, security and sustainability in mind, our seamless and connective solutions are designed to help people make the move to living spaces impactful for humans and with a reduced impact on nature.

A BRAND OF **SOMFY** GROUP

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