



Motorisation



SPECIFICATIONS



Motorisation - overview

SPECIFICATIONS

Motorisation has been one of the main driving factors behind positioning Window Treatments' blinds and awnings as leaders in the market place.

Thanks to new technology in the motorisation industry we can now offer the option of remote controlled automation on most of our blinds and awnings.

Motorisation also eliminates the need for chains or cords and allows easy accessibility to high or difficult to reach windows. It is easily installed as retrofit and can be integrated with home or commercial building automation systems. At the press of a button you can lower or retract your blinds to any point, individually or as a specified room or area grouping.

Motorisation by Window Treatments is provided by electrically powered discreet and quiet tubular motors which are operated by wall mounted switch, remote control or interfaced with your building management or facade management system. The motor is installed directly into the head rail or tube. It is compact, quiet and powerful and can operate any size blind.

Window Treatments uses motors and control systems by French company Somfy® (Hard wire motors) and also Rollease Acmeda® (Li-ion Series automate wirefree motors), both of whom are considered world leaders in automated systems and blind hardware.

Somfy® and Rollease Acmeda® tubular motors are some of the world's quietest and with a radio receiver built inside, it is simply a matter of plugging them into a power point. Programming can then be managed easily with the use of the radio remote control or in most cases your smart phone/iPad etc.

Stress simulation tests are performed and their products are tested under extreme conditions. All motor systems are certified according to current technical and safety regulations.

Window Treatments, in conjunction with Somfy and Rollease Acmeda®, guarantee excellent product quality, installation and simplicity of use for all customers. Motors are guaranteed for five years.

Window Treatments can install Somfy or A Rollease Acmeda® motors or automated systems when you are remodelling or building a new home or commercial building, or we can retrofit to an existing system. We can convert most types of blinds and awnings.

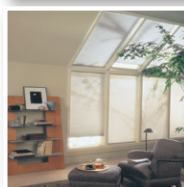
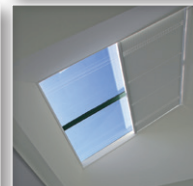
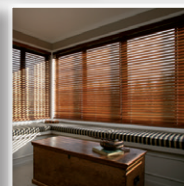
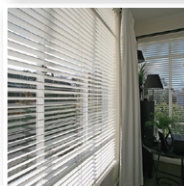
Somfy® and Rollease Acmeda® automation systems are designed to improve your comfort, security and energy efficiency – making life easier. Our customer representatives throughout New Zealand as well as our Technical Services Manager, can consult with you or your architect at the planning stage for all domestic or commercial projects requiring automation.

Rechargeable Battery & Solar Panel



Motorisation is available for:

- Wood Blinds
- Cedar Blinds
- Skylight Blinds
- Pleated Blinds
- Palladio Folding Arm Awnings
- Venetian Blinds (except Perforated & Privacy Blinds)
- Roller Blinds
- Blocco Blinds
- Italia Box
- Terrazza Conservatory & Pergola Awnings
- Securo® Exterior Blinds
- Securo® Interior Blinds



Sec. : Motorisation
Date: Aug 2017



Somfy® Roller Blind Motorisation

- Wired

Window Treatments offers three wired motors capable of lifting up 19.6kg. Hardwired motors are always preferable, although Somfy battery blinds are available when hardwiring is not possible so it is important particularly for new builds that pre-wiring should be considered for any automation requirements.

Any blind on an 83mm tube requires an Altus 6/17 motor

Total Opening Width		50mm Tube									63mm Tube		83mm Tube		Multi-link Blinds Only						
		560	1000	1250	1500	1750	2000	2250	2500	2750	3000	3500	4000	4500	5000	5500	6000	6500	7000	7500	8000
Drop	1250	Green										Blue		Green							
	1500	Green										Blue		Green							
	1750	Green										Blue		Green							
	2000	Green										Blue		Green							
	2250	Green										Blue		Green							
	2500	Green										Blue		Green							
	2750	Green										Blue		Green							
	3000	Green										Blue		Green							
	3500	Green										Blue		Green							

Key	Motor Type	Tube	Lifting Capacity
	Sonesse 3/30 Motor	50mm/63mm Tube	9.6kg
	Sonesse 6/20 Motor	50mm/63mm Tube	19.6kg
	Altus 6/17 Motor	83mm Tube	11.6kg

Minimum/Maximum Sizes

Window Treatments can produce a single motorized roller up to 5000mm wide with a 2250mm drop. As the width decreases, a larger drop is possible. Multi-link blinds can produced up to 8000mm wide with a 4000mm drop, however we recommend blinds with drops exceeding 3500mm are installed with wire guides.

Performances	Sonesse 3/30	Sonesse 6/20	Altus 6/17
Torque	3nm	6nm	6nm
Nominal Voltage	230v	230v	230v
Rated Current	0.44	0.55	0.45
Rated Power	95W	120W	90W
Speed	30RPM	20RPM	17 RPM
Thermal Protection	5 Min	5 Min	4 Min
Radio Frequency	433.42	433.42	433.42
Sound Level (DB)	42	45	47
Canle Length	210mm	210mm	210mm
IP Rating	IP 44	IP 44	IP 44
Insulation Class	III	III	I

Remote options

Hardwired and RTS (Radio Technology Somfy®) options are available. Hardwired; a maximum of five blinds or five groups of blinds can be controlled through a wall mounted remote. RTS allows for up to sixteen blinds or sixteen groups of blinds to be controlled wirelessly.



Situio 1 Remote



Situio 2 Remote



Situio 5 Remote



Telis 16 Channel



Telis 6 Chronis



Smooove Origin



Inis UNO



Inis DUO



Decoflex 5 Channel





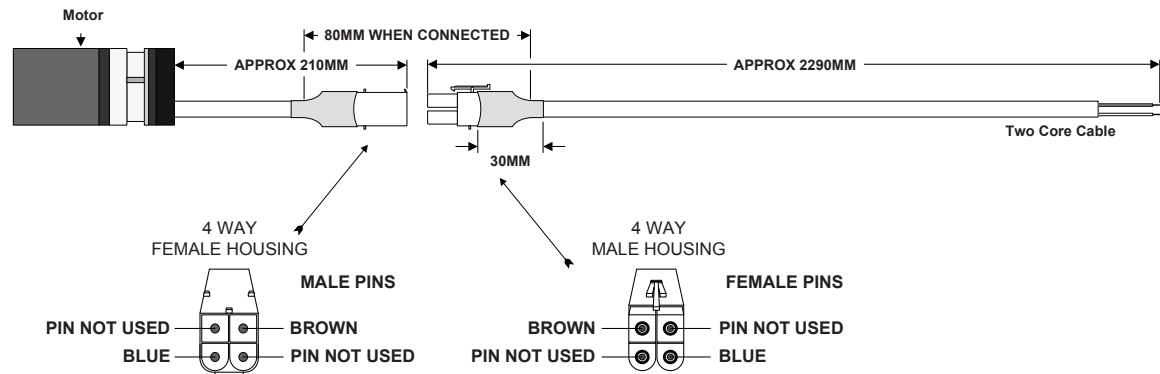
Somfy® Roller Blind Motorisation

- Wiring - Inline Connector

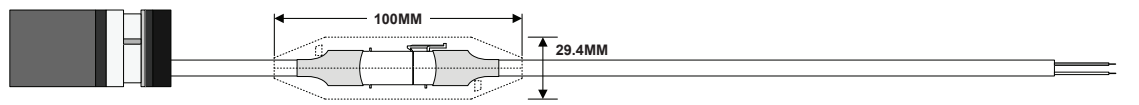
To provide power to Somfy's wired motors, Window Treatments uses an Inline Connector. The RTS Inline Connector has a two core cable while the non-RTS Inline Connector has a three core cable. This allows rewiring from a RTS control to a hardwired control or vice versa.

Below are wiring diagrams for both options:

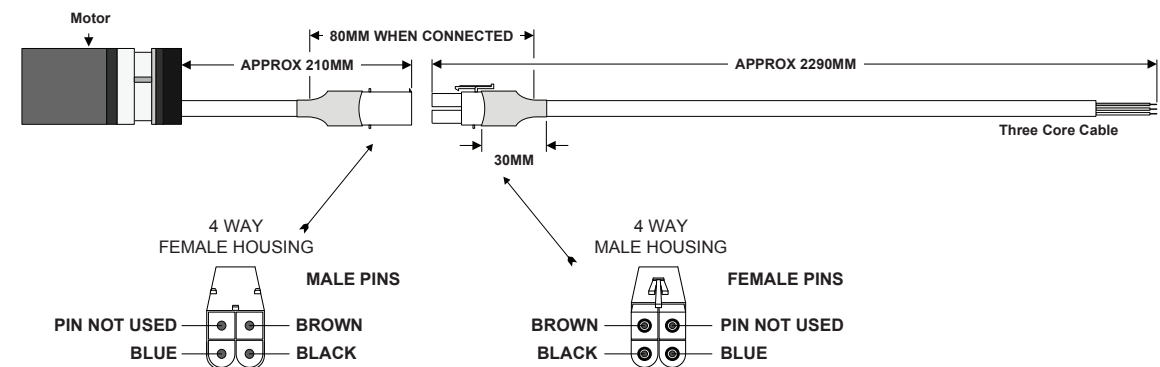
RTS Inline Connector (Two Core Cable)



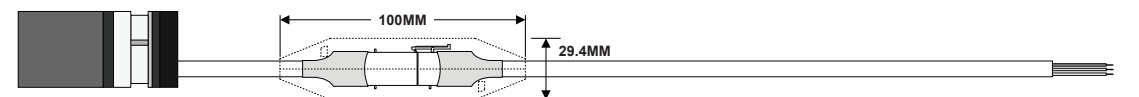
In-Line Connector and Housing Fitted



Non-RTS Inline Connector (Three Core Cable)



In-Line Connector and Housing Fitted

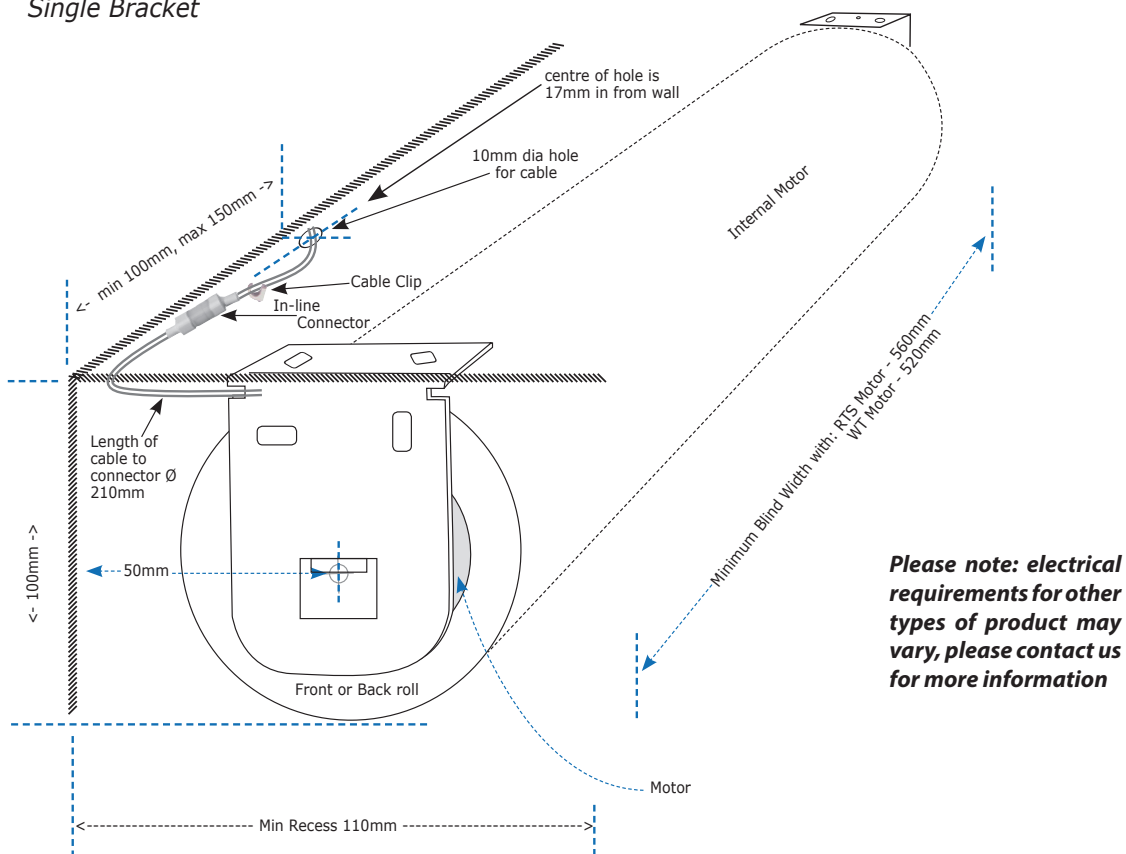


Roller Blind Motorisation

- Electrical requirements

Example of connection and recess sizing for a Single Motorised Roller Blind

Single Bracket



Power supply and A connection - incorrect wiring systems:

<p>Parallel Wiring</p> <p>Do not wire Somfy® standard motors in parallel. Each motor requires its own switch or relays. If group control is required contact us for the required controller and wiring information.</p>	<p>!! Do not wire motors in parallel !!</p>
<p>Multiple Switching</p> <p>Do not wire one motor directly to more than one switch. If multiple switching is required contact us for the required controller and wiring information.</p>	

SPECIFICATIONS

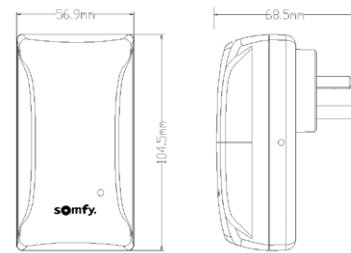
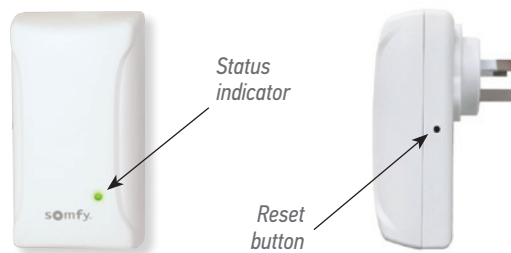
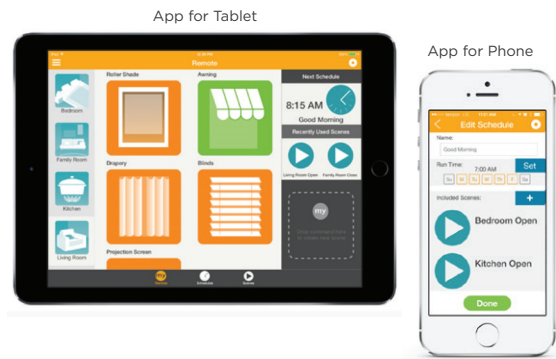


Somfy® Roller Blind Motorisation

- myLink

The Somfy® myLink app allows advanced control options for your motorised blinds whether you are home or away. Scheduled time control allows automatic operation to help reduce heat gain or loss. Each myLink can control 5 individual motorised products or 5 groups of motorised products. Somfy® myLink is compatible with iOS devices running iOS 7 or higher and Android devices running Jellybean or higher. Connectivity to both 2.4GHz and 5GHz wireless routers is supported.

Somfy® myLink Technical Characteristics	
Operating temperature	0°C to 45°C
Protection Rating	IP 20
Radio Frequency	Wifi: 2.4GHz, 802.11b/g/n RTS: 433.42 MHz
Radio Hz Range	200metres in open field, 20 metres through 2 rein- forced concrete walls
Dimensions (H x W x D mm)	105 x 57 x 52 (without plug)



Please note: electrical requirements for other types of product may vary, please contact us for more information
It is important that your electrical professional is given the correct specifications and information at the wiring stage of construction therefore please arrange for your electrical professional to contact our Technical Services Manager Acko Atkins with your project information.

Helpful information to have available when you ring or email is : Client name, your Window Treatments NZ Ltd Consultants name, product type and if possible the Window Treatments NZ Ltd Job Number.

Acko Atkins - Technical Services Manager,
Window Treatments NZ Ltd, Head Office
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Ph (03) 343 6175 DDI,
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Rollease Acmeda - Roller Blind Motorisation - Wirefree

Window Treatments offers three Wire-Free motors capable of lifting up to 9.6kg. The Li-ion Battery powered motors are great for hard to reach places, especially when equipped with a solar panel. With the blinds being raised and lowered once a day, battery power will last approximately 3 months depending on fabric weight. A charging cable is provided and must be connected to the motor for 6 hours to provide optimum charge (standard 4mtr length supplied, 1.22mtr and 2.44mtr extensions available as optional extras). Alternatively, a solar panel charger can be fitted in the window to keep the motor charged allowing two cycles per day (once up and once down).



Minimum/Maximum Sizes

Window Treatments can produce a battery powered motorised roller blind to any size shown on the table. If your window is larger than our maximum size, our wired motorization offers more lifting capacity.

Note: the minimum size for a wirefree multilink roller blind is 750mm.

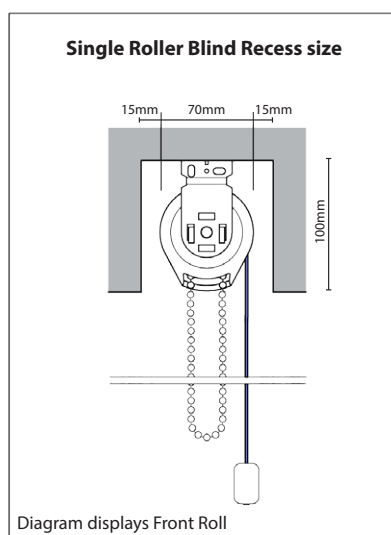
Min - Max Blind Width for Li-ion Battery Motors

Drop v	Motors for 38mm or 50mm tube							1 Blind 1 Motor 50mm Tube or 2 or 3 Blinds 1 Motor 50mm Tube									
	510	705	1000	1250	1500	1750	2000	2250	2500	2750	3000	3500	4000	4500	5000	5500	6000
1250																	
1500																	
1750																	
2000																	
2250																	
2500																	
2750																	
3000																	
3500																	

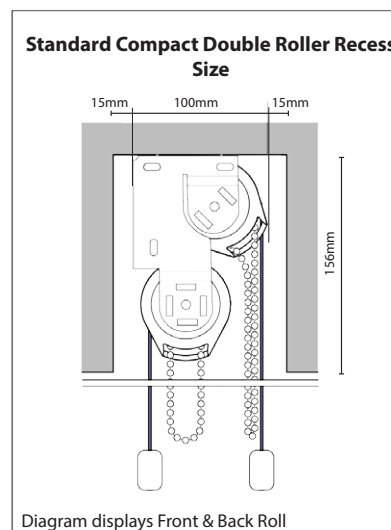
Max width for 1 blind, 1 motor | Multiple blinds required to cover the total width

Key	Motor Type	Tube	Lifting Capacity
Yellow	1.1Nm Battery Motor	38mm/50mm Tube	3.6kg
Green	2.0Nm Battery Motor	50mm Tube	6.6kg
Dark Green	3.0Nm Battery Motor	50mm Tube	9.6kg

Performances	Li-ion 1.1	Li-ion 2.0	Li-ion 3.0
Torque	1.1nm	2nm	3nm
Nominal Voltage	12v	12v	12v
Rated Current (Amp)	0.83	1.25	0.83
Speed	40RPM	28RPM	20RPM
Thermal Protection	5 Min	5 Min	5 Min
Radio Frequency	433.92	433.92	433.92
Sound Level (DB)	42	44	45
IP Rating	IP 44	IP44	IP 44
Insulation Class	III	III	III
Battery Size	1400mAH	2600mAH	4000mAH



Compatibility Chart	Li-ion 1.1	Li-ion 2.0	Li-ion 3.0
Controller - Pulse	Y	Y	Y
Controller - Paradigm	Y	Y	Y
Sensor- Interior Sun Sensor	Y	Y	Y
Sensor - Solar Wind & Light	-	-	-
Sensor Motion Sensor	-	-	-



Technologies





Rollease Acmeda - Roller Blind Motorisation - Wirefree

SPECIFICATIONS

Control Options

Paradigm Remotes feature a contemporary design with touch sensitive controls. Available in single and fifteen channel models, paradigm remotes are compatible with all ARC motors. An LCD with levelling control features on the 15 channel remote, allowing for precise positioning of your blind.



Remote

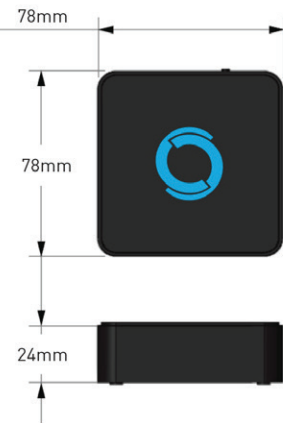
- Descr: Paradigm 1CH ARC Remote (1 Channel)
- Descr: Paradigm 15CH ARC Remote (15 Channel)

Automate Pulse/App

Whether you are at home or away, you can accurately control your blinds via the animated interface on your smart phone. Bi-directional communication allows you to visualise the exact positioning of blinds whilst also tracking the battery levels. Within the app, automate hub allows you to group shades into rooms making it easier to operate multiple blinds at once. Timers are also available allowing you to control sunlight throughout the day. This can help with heat loss/gain and provide UV protection to furnishings.

Automate Pulse Specifications		Automate Pulse Capabilities	
Installation	Desktop or wall mounted	Accounts per Hub	5 (1 admin, 4 guests)
Power Input	SVDC/1A	Locations per account	5
Rated Current	500mA	Devices per Hub	30
Rated Power	<2.5W	Hubs per location	5
Standby Power	≤300mA	Rooms per location	20
Wi-Fi Network	802.11 b/g/n - 2.4GHz	Scenes per location	20
Device Central Frequency	433MHz	Timers per location	20
Radio Coverage	30m for device control (indoors)		
Protection Class	IP20		
Antenna	Built-in		
Working Temperature	-10 ° to 45 °		
Storage Temperature	-20 ° to 55 °		

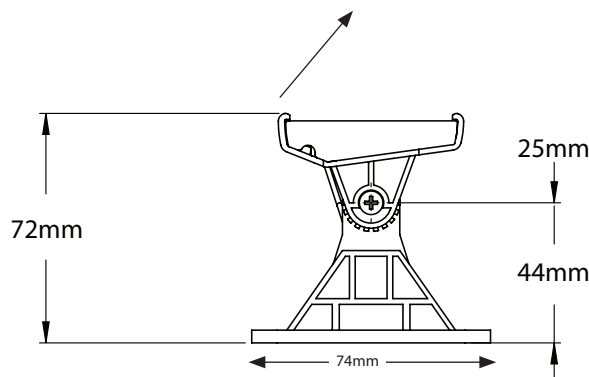
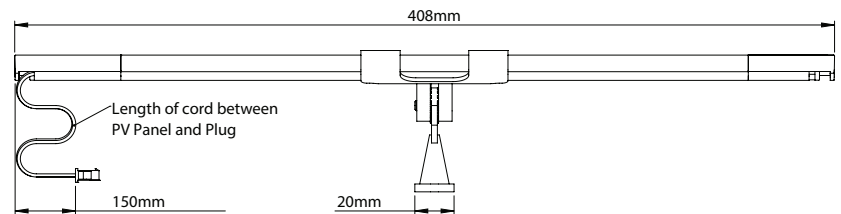
Automate Pulse



- SERIAL INTERFACE
- REMOTE ACCESS
- TIMERS
- SCENES
- MANAGE ROOMS
- SMART PHONE MOTOR SETUP
- SETUP WIZARD
- MANAGE LOCATIONS
- 433MHZ BI-DIRECTIONAL

Solar Panel Charger

The Rollease Acmeda® solar panel charger is great for hard to reach places. The solar panel will allow you to raise and lower your blinds once a day whilst maintaining a constant charge to the motor. The mono-silicon/crystal solar panel provides power in varied conditions including in shadow-cast and low light situations. Panels can also be wired in parallel to provide additional power for larger applications.



Pictured Above: Solar Panel dimensions Left: Side view of fixing foot

Horizontal Blinds - Motorisation

Horizontal Blinds - Motorisation

All horizontal blind systems can be automated via Somfy's range of Sonesse motors. These ultra-quiet motors set the standard for internal blind automation. Somfy's wide range of control options include hand held radio remote control with a scroll wheel for precision tilt positioning, timers, weather sensors and even a full building management system. Window Treatments NZ Ltd is an authorized Somfy automation specialist

240 Volt AC Motor: Sonesse 40

Performances	Sonesse 3/30	Sonesse 6/20
Torque	3nm	6nm
Nominal Voltage	230v	230v
Rated Current	0.44	0.55
Rated Power	95W	120W
Speed	30RPM	20RPM
Thermal Protection	4 Min	4 Min
Radio Frequency	433.42	433.42
Sound Level (DB)	42	45
Cable Length	250mm	250mm
IP Rating	IP 44	IP 44
Insulation Class	II	II

Blind Type >	Aluminium 50mm	Wood	New Image	Cedar
Min Width	665mm	665mm	665mm	665mm
Max Width	2400mm	2400mm	1800mm	2400mm
Min Drop	300mm	300mm	300mm	300mm
Max Drop	2400mm	2550mm	2100mm	2550mm

24 Volt DC Concept 25 System - Motor: LV25

Performances	LV25 - B44
Torque	0.4nm
Speed	40rpm
Rated Voltage	24V
Rated Current	0.3A
Running time before thermal cut off	7 Min
Motor Weight	0.145kg
IP Rating	IP 40

Blind Type >	Aluminium 25mm (Short Cone)	Aluminium 25mm (Long Cone)
Min Width	600mm	665mm
Max Width	2400mm	2400mm
Min Drop	300mm	300mm
Max Drop	2400mm	2550mm



Wall switches or Remote controls can be used to manage a blind or groups of blinds with tilting slats equipped with RTS technology as well as activate or take control of a sun sensor.

With the Telis Mod/Var with Scroll Wheel, slats are precisely positioned using a central thumbwheel.

Up, down, stop and preferred position settings are achieved using the « my » key.

Available in Pure, Silver and in single channel model

SPECIFICATIONS



Standard 25mm Pleated Blind

(perpendicular installation)
- Motorisation

Motorisation

All perpendicular installations of pleated and honeycomb blind systems can be automated via Somfy's range of Sonesse motors. These ultra quiet motors set the standard for internal blind automation. Somfy's wide range of control options include hand held radio remote control, timers, weather sensors or even a full building management system.

Window Treatments NZ Ltd is an Authorised Somfy Automation Specialist. Motors are wired to a 24v transformer which is generally located out of view but still accessible. For specific wiring information on how a Somfy Automated solution can enhance your design, please contact motorisation@window-treatments.co.nz

Performances	(<7.5m ²) LW25 B44	(>7.5m ²) LW25 B83
Torque	0.4 Nm	0.8Nm
Nominal Voltage	24V	24V
Rated Current	0.3A	0.47A
IP Rating	IP 40	IP 40
Speed	40 Rpm	30Rpm
Thermal Protection	7 Min	7 Min



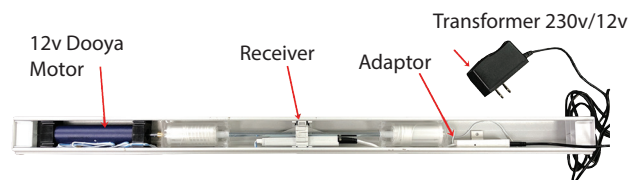
Pleated (MTM) Honeycomb Blind

- 25mm & 38mm Honeycomb single cell, Motorised

Motorised Operation (for perpendicular installations):

For windows that are out of reach such as conservatories or some commercial installations, Window Treatments can motorise your pleated blinds with a remote control. In the motorized option the raising and lowering of the blind is achieved with a rotating spool within the head rail which in turn is driven by a 12v internal motor.

Control options: Motorisation: 12v Motor with control by a one or five channel remote.



SPECIFICATIONS

Awnings - Motorisation Italia Box



Motorisation



Window Treatments' motorised awnings are surprisingly simple and inexpensive. All awning systems can be automated using Somfy's range of motors. These robust motors set the standard for awning automation. Somfy's wide range of weather sensor options include sun, wind and rain control.

An automated awning is capable of extending or retracting automatically when it is needed. The benefits of this include protecting your awning from wind damage, making the building appear occupied, and maintaining a comfortable indoor temperature which can reduce cooling costs. A variety of control options are available to suit different automation requirements such as individual control, multiple control, group control, master control or automatic control using weather sensors.

Window Treatments NZ Ltd is an Authorised Somfy Automation Expert. For further information on how a Somfy Automated solution can enhance your design, please contact motorisation@window-treatments.co.nz

Italia Box Motorisation (optional)

Italia Box uses six different types of motors for automation depending on the size of the awning installation. Refer to Motor selection chart.

Motor Selection		Width <2.5m	Width >2.5m	4 Arms
Italia Box	RTS	Altus 10/17	Altus 25/17	Altus 40/17
	WT	Jet 10/17	Gemini 25/17	Mariner 40/17

KEY:

WT = Mechanical switch hardwired to the motor.

RTS = Remote control (handheld or wallmounted)

Maximum Width: 4.5m

Maximum Projection: 1.4m

Performances	Altus 10/17	Jet 10/17	Altus 25/17	Gemini 25/17	Altus 40/17	Mariner 40/17
Torque	10 Nm	10 Nm	25 Nm	25 Nm	40 Nm	40 Nm
Nominal Voltage	230v	230v	230v	230v	230v	230v
Rated Current	0.5 A	0.5 A	0.8 A	0.8 A	1.2 A	1.2 A
Rated Power	120W	120W	170W	170W	270W	270W
Speed	17 RPM	17 RPM	17 RPM	17 RPM	17 RPM	17 RPM
Thermal Protection	4 Min	4 Min	4 Min	4 Min	4 Min	4 Min
Radio Frequency	433.42	433.42	433.42	433.42	433.42	433.42
Sound Level (DB)	47	47	56	56	57	57
Cable Length	3000mm	2500mm	3000mm	2500mm	3000mm	2500mm
IP Rating	IP 44	IP 44	IP 44	IP 44	IP 44	IP 44
Insulation Class	I	I	I	I	I	I

Somfy Sensors

Weather Sensors can be used for automatic control. These include rain, wind and sun sensors. Rain and wind sensors will retract your awning when it is raining, or if wind speeds exceed 35 km/h. The sun sensor works on light level and can be programmed to a specific light level.

Sunis Wirefree RTS Sun Sensor



Wind Sensor



Ondeis Rain Sensor



Remote Control



Hard Wire Switch



Motion Sensor



SPECIFICATIONS

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Date: Aug 2018



Awnings - Motorisation Palladio

SPECIFICATIONS

Motorisation



Window Treatments' motorised awnings are surprisingly simple and inexpensive. All awning systems can be automated using Somfy's range of motors. These robust motors set the standard for awning automation. Somfy's wide range of weather sensor options include sun, wind and rain control.

An automated awning is capable of extending or retracting automatically when it is needed. The benefits of this include protecting your awning from wind damage, making the building appear occupied, and maintaining a comfortable indoor temperature which can reduce cooling costs. A variety of control options are available to suit different automation requirements such as individual control, multiple control, group control, master control or automatic control using weather sensors.

Window Treatments NZ Ltd is an Authorised Somfy Automation Expert. For further information on how a Somfy Automated solution can enhance your design, please contact motorisation@window-treatments.co.nz

Palladio Motorisation (optional)

Italia Box uses six different types of motors for automation depending on the size of the awning installation. Refer to Motor selection chart.

Motor Selection		Projection <2.6m	Proj >2.6m
Palladio	RTS	Altus 25/17	Altus 40/17
	WT	Gemini 25/17	Mariner 40/17

KEY:

WT = Mechanical switch hardwired to the motor.
 RTS = Remote control (handheld or wallmounted)
 Maximum Width: 7m
 Maximum Projection: 3.6m

Performances	Altus 25/17	Gemini 25/17	Altus 40/17	Mariner 40/17
Torque	25 Nm	25 Nm	40 Nm	40 Nm
Nominal Voltage	230v	230v	230v	230v
Rated Current	0.8 A	0.8 A	1.2 A	1.2 A
Rated Power	170W	170W	270W	270W
Speed	17 RPM	17 RPM	17 RPM	17 RPM
Thermal Protection	4 Min	4 Min	4 Min	4 Min
Radio Frequency	433.42	433.42	433.42	433.42
Sound Level (DB)	56	56	57	57
Cable Length	3000mm	2500mm	3000mm	2500mm
IP Rating	IP 44	IP 44	IP 44	IP 44
Insulation Class	I	I	I	I

Somfy Sensors

Weather Sensors can be used for automatic control. These include rain, wind and sun sensors. Rain and wind sensors will retract your awning when it is raining, or if wind speeds exceed 35 km/h. The sun sensor works on light level and can be programmed to a specific light level.

Sunis Wirefree RTS Sun Sensor



Wind Sensor



Ondeis Rain Sensor



Remote Control



Hard Wire Switch



Motion Sensor



Sec. : Awnings
 Date: Aug 2018

Awnings - Motorisation Terrazza

Motorisation



Terrazza awnings are automated using Somfy's range of motors. These robust motors set the standard for awning automation. Somfy's wide range of weather sensor options include sun, wind and rain control.

Motorisation of the Terrazza awning (with sensor options) allows you to extend or retract the awning automatically when it is needed. The benefits of this include protecting your Terrazza awning from wind damage, making the building appear occupied, and maintaining a comfortable indoor temperature which can reduce cooling costs. A variety of control options are available to suit different automation requirements such as individual control, multiple control, group control, master control or automatic control using weather sensors.

Window Treatments NZ Ltd is an Authorised Somfy Automation Expert. For further information on how a Somfy Automated solution can enhance your design, please contact motorisation@window-treatments.co.nz

Terrazza Motorisation

Terrazza uses four different types of motors for automation depending on the size of the installation. Refer to Motor selection chart.

Motor Selection		<6m ²	>6m ²
Terrazza	RTS	Altus 25/17	Altus 40/17
	WT	Gemini 25/17	Mariner 40/17

KEY:
 WT = Mechanical switch hardwired to the motor.
 RTS = Remote control (handheld or wallmounted)
 Maximum Width:4.0m
 Maximum Projection: 4.0m
 Note: Maximum coverage must not exceed 12m²

Performances	Altus 25/17	Gemini 25/17	Altus 40/17	Mariner 40/17
Torque	25 Nm	25 Nm	40 Nm	40 Nm
Nominal Voltage	230v	230v	230v	230v
Rated Current	0.8 A	0.8 A	1.2 A	1.2 A
Rated Power	170W	170W	270W	270W
Speed	17 RPM	17 RPM	17 RPM	17 RPM
Thermal Protection	4 Min	4 Min	4 Min	4 Min
Radio Frequency	433.42	433.42	433.42	433.42
Sound Level (DB)	56	56	57	57
Cable Length	3000mm	2500mm	3000mm	2500mm
IP Rating	IP 44	IP 44	IP 44	IP 44
Insulation Class	I	I	I	I

Somfy Sensors

Weather Sensors can be used for automatic control. These include rain, wind and sun sensors. Rain and wind sensors will retract your awning when it is raining, or if wind speeds exceed 35 km/h. The sun sensor works on light level and can be programmed to a specific light level.



SPECIFICATIONS



Securo® - Motorisation

SPECIFICATIONS

Motorisation option - Securo 75-95

Window Treatments NZ Ltd offers a motorized option for most styles of Securo®s through Somfy motorisation. This includes RTS and Wired motors as well as remotes, wall mounted switches, optional wind and light sensors and the ability to be linked with a building management system. Securo® 75-95 Channel Guide/Wire Guide uses one of three different motors for automation depending on the size of your application

Motor Selection		<6m ²	>6m ²	Sun Sensor
Securo 75-95	RTS	Sonesse 6/20	Sonesse 9/12	Altus 13/8
	WT	Sonesse 6/20	Sonesse 9/12	

KEY:
 WT = Mechanical switch hardwired to the motor.
 RTS = Remote control (handheld or wallmounted)
 Maximum Width: 3.9m
 Maximum Projection: 3.0m (subject to fabric choice)

Performances	Sonesse 6/20	Sonesse 9/12	Altus 13/10
Torque	6 Nm	9 Nm	13 Nm
Nominal Voltage	230v	230v	230v
Rated Current	0.55 A	0.55 A	0.52 A
Rated Power	120W	120W	110W
Speed	20 RPM	12 RPM	10 RPM
Thermal Protection	4 Min	4 Min	4 Min
Radio Frequency	433.42	433.42	433.42
Sound Level (DB)	45	40	52
Cable Length	2500mm	2500mm	3000mm
IP Rating	IP 44	IP 44	IP 44
Insulation Class	II	II	II

Somfy Sensors

Weather Sensors can be used for automatic control. These include wind and sun sensors. Wind sensors will retract your awning if wind speeds exceed 35 km/h. The sun sensor works on light levels and can be programmed to a specific light level.

Eolis RTS Wind Sensor Soliris RTS- Sun & Wind Sensor



Sunis Wirefree RTS Sun Sensor



Motorisation - Securo® Max Channel Guide/Wire Guide

Window Treatments NZ Ltd offers a motorized option for most styles of Securo®s through Somfy motorisation. This includes RTS and Wired motors as well as remotes, wall mounted switches, optional wind and light sensors and the ability to be linked with a building management system. Securo® Max Channel Guide/Wire Guide uses one of four different motors for automation depending on the size of your application

Motor Selection		<10m ²	>10m ²
Securo Max	RTS	Altus 10/17	Altus 25/17
	WT	Jet 10/17	Gemini 25/17

KEY:
 WT = Mechanical switch hardwired to the motor.
 RTS = Remote control (handheld or wallmounted)
 Maximum Width: 10m
 Maximum Drop: 3.0m

Performances	Altus 10/17	Jet 10/17	Altus 25/17	Gemini 25/17
Torque	10 Nm	10 Nm	25 Nm	25 Nm
Nominal Voltage	230v	230v	230v	230v
Rated Current	0.5 A	0.5 A	0.8 A	0.8 A
Rated Power	120W	120W	170W	170W
Speed	17 RPM	17 RPM	17 RPM	17 RPM
Thermal Protection	4 Min	4 Min	4 Min	4 Min
Radio Frequency	433.42	433.42	433.42	433.42
Sound Level (DB)	47	47	56	57
Cable Length	2500mm	2500mm	3000mm	2500mm
IP Rating	IP 44	IP 44	IP 44	IP 44
Insulation Class	I	I	I	I

Somfy Sensors

Weather Sensors can be used for automatic control. These include wind and sun sensors. Wind sensors will retract your awning if wind speeds exceed 35 km/h. The sun sensor works on light levels and can be programmed to a specific light level.

Eolis RTS Wind Sensor Soliris RTS- Sun & Wind Sensor



Sunis Wirefree RTS Sun Sensor



Sec. : Securo
 Date: Aug 2018