

Curtain Databook

2026

Version 21

somfy

Somfy

Curtain Motor Solutions

This document includes the technical information and related hardware accessories for Somfy's Glydea® ULTRA and Movelite™ motor ranges designed specifically for curtains. It provides detailed information to facilitate the specification of these motor solutions and presents information regarding options for specialty applications, including bent and curved tracks. Further information on Somfy's entire product range can be accessed at www.somfypro.com.au

Innovative:

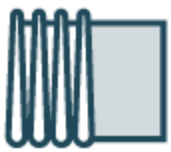
These sophisticated motors are the result of industry experience and expertise. Reliable motor solutions offer a superior user experience as well as a wide array of features, while exemplifying Somfy's continued commitment to quality.

Adaptable:

Designed for residential, commercial, and hospitality markets, these ranges provide a convenient solution for glare reduction and privacy while also reducing energy costs and protecting interiors from damaging UV rays

Flexible & Smart:

Glydea® ULTRA and Movelite™ are available for all curtain types, including Pinch Pleat, RippleFold®, and Accordia®. Additionally, they have been designed to easily adapt to various control technologies, including Radio Technology Somfy® (RTS), Wired Technology (WT), RS485, and Zigbee®.



Pinch Pleat



RippleFold®



Accordia®

Compatible with various technologies:



***The contents of this Databook are indicative and should be used as a guide. Please check with your Somfy curtain partner on their manufacturing processes.

Summary

Part 1
Somfy Curtain Motor Solutions
- Key Product Features
- Technical Specifications

Part 2
Curtain Motor Wiring Examples & Considerations

Part 3
Curtain Components & Accessories
- Curtain Components & Accessory Reference Comparison Chat (Glydea Silent vs Glydea Heavy Duty vs Glydea Black Accessories)
- Curtain Components & Accessories List

Part 4
Product Dimensional Specifications
- Curtain Track Interface Drawings
- Curtain Track Accessories – Dimensions

Part 5
Application Parameters
- Transversing Capacity
- Bending & Curving
- Somfy Curtain Actuators Selection Chart
- Track Configuration Options
- Top Mounting

Part 6
Control Options & Wiring Diagrams
- AC Control
- RTS Controls
- DCT Control
- AC & DC Tandem Wiring
- Summary of warnings and considerations

***The contents of this Databook are indicative and should be used as a guide. Please check with your Somfy curtain partner on their manufacturing processes.



Part 1:

Somfy Curtain Motor

Product Range

- Glydea Ultra 60e RTS
- Glydea Ultra 35e RTS
- Glydea Ultra 60e WT
- Glydea Ultra 35e WT
- Glydea Ultra 50 WireFree Zigbee
- Movelite 60e RTS
- Movelite 35e RTS
- Movelite 60e WT
- Movelite 35e WT
- Movelite 35 WireFree RTS

Product Functions & Features
Comparison Chart

Glydea Ultra Curtain Motors

Technology	RTS		WT*		Zigbee
Technical Information					
Maximum Curtain weight	35kg	60kg	35kg	60kg	50kg
Max Track length (m)	10	12	10	12	12
Motor Main Features					
Designed for Silence	✓		✓		✓
Adjustable speed	✓		✓		✓
Soft Start, Soft Stop	✓		WT: ✗ DCT: ✓		✓
Tandem Operation	Not Applicable		WT: ✓ DCT: ✓ **		Not applicable
Manual Override	✓	✓	✓	✓	✓
Adjustable end limits	✓	✓	✗	✗	✓
Touch motion	✓	✓	WT: ✗ DCT: ✓		✓
Open, Close & my favourite position	✓	✓	WT: ✗ DCT: ✓		✓
Compatible with 1-way and 2-way openings	✓	✓	✓	✓	✓
Compatible with Glydea Track & Accessories	✓	✓	✓	✓	✓
Compatible with TaHoma switch	✓		✗		✓
Voice Control compatibility* **	Google Assistant Amazon Alexa		✗		Google Assistant Amazon Alexa Apple Home Kit
Compatible with Glydea Ultra RS485 Module	✓		WT: ✗ DCT: ✓		✗
Compatible with Glydea Ultra Zigbee Module	✓		WT: ✗ DCT: ✓		Not Applicable
Option to change the cable output direction	✓	✓	✓	✓	Not Applicable

** Capable of converting to Somfy DCT technology. Refer to conversion wiring diagram.*
***When wired directly to a relay or switch (RTS control not available)*
****When part of a TaHoma switch installation*

Glydea® ULTRA 60 AC
Technical Specifications

Item Numbers

Glydea Ultra 60e RTS with Open Cable	1240230
Glydea Ultra 60e RTS with Inline Connector	1241035
Glydea Ultra 60e WT with Open Cable	1240228
Glydea Ultra 60e WT with Inline Connector	1241033

5 YEARS WARRANTY

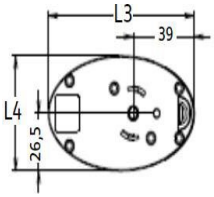


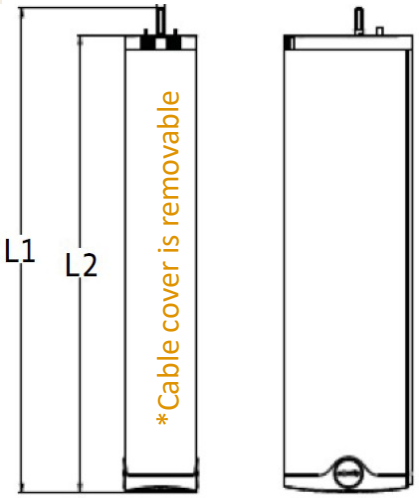
Technical Specification & Performance

Supply	AC
Voltage (V)	240
Thermal Time	2.5 Mins
IP Index	IP30 (Indoor use only)
Limit Switch Unit	Electronic
Temperature Working Range	0°C to +60°C
Max Curtain Weight (kg)	60
Torque (Nm)	1.0
Linear Speed (cm/s)	7.5 (Silent mode), 12.5, 15, 17.5, 20
Sound performance (dBA)	30 (Silent mode), 37, 40, 43, 45
Max Track Length (m)	12
Min. Bending Radius (mm)	300
Electric Insulation	Class I
Max Current (A)	0.4
Radio Frequency [RTS only]	433.42MHz
Compliance	RCM, CE

Motor Dimensions & Weights

L1	348mm
L2	328mm
L3	93mm
L4	53mm
Motor Weight	RTS 1320g WT 1340g





Somfy recommends all 240V motors have an Australian certified and compliant 3-pin plug added to the motor open cables to allow safe termination of 240V power.

Glydea® ULTRA 35 AC

Technical Specifications

Item Numbers

Glydea Ultra 35e RTS with Open Cable	1240227
Glydea Ultra 35e RTS with Inline Connector	1241032
Glydea Ultra 35e WT with Open Cable	1240219
Glydea Ultra 35e WT with Inline Connector	1241030

5 YEARS WARRANTY

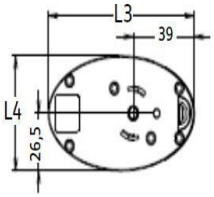


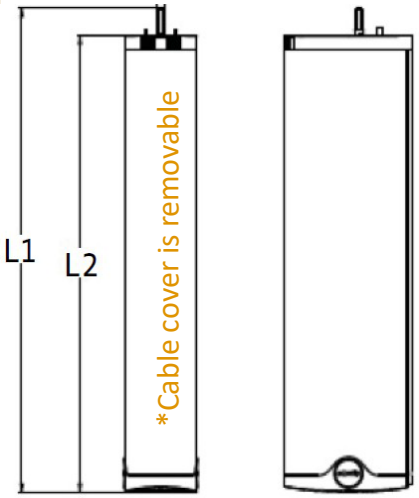
Technical Specification & Performance

Supply	AC
Voltage (V)	240
Thermal Time	2.5 Mins
IP Index	IP30 (Indoor use only)
Limit Switch Unit	Electronic
Temperature Working Range	0°C to +60°C
Max Curtain Weight (kg)	35
Torque (Nm)	0.6
Linear Speed (cm/s)	7.5 (Silent mode), 12.5, 15, 17.5, 20
Sound performance (dBA)	30 (Silent mode), 37, 40, 43, 45
Max Track Length (m)	10
Min. Bending Radius (mm)	300
Electric Insulation	Class I
Max Current (A)	0.4
Radio Frequency [RTS only]	433.42MHz
Compliance	RCM, CE

Motor Dimensions & Weights

L1	348mm
L2	328mm
L3	93mm
L4	53mm
Motor Weight	RTS 1320g WT 1340g





Somfy recommends all 240V motors have an Australian certified and compliant 3-pin plug added to the motor open cables to allow safe termination of 240V power.

Glydea® ULTRA 50 WireFree Zigbee

Technical Specifications

Item Numbers

Glydea Ultra 50 WireFree Zigbee	1246594
Li-ion USB-C Charger	9028922

Technical Specification & Performance

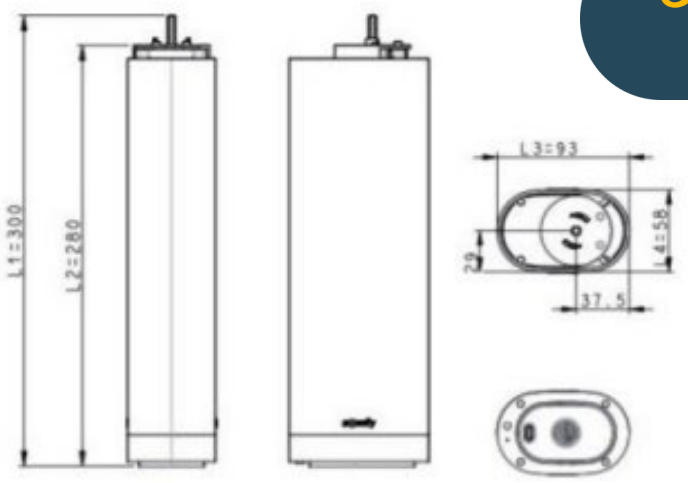
Supply	DC
Nominal Voltage (V)	22 VDC
Thermal Time	2.5 Mins
IP Index	IP30 (Indoor use only)
Limit Switch Unit	Electronic
Temperature Working Range	0°C to +60°C
Charging temperature	0°C to +40°C
Max Curtain Weight (kg)	50
Torque (Nm)	0.7
Adjustable Speed (cm/s)	***Discreet:*** 53 rpm (7.5cm/s) ***Nominal:*** 105 rpm (15cm/s)
Sound performance (dBA)	***Discreet:*** 32 / ***Nominal:*** 40
Max Track Length (m)	12
Min. Bending Radius (mm)	300
Battery Autonomy	9 Months
Charging Time	<4 Hours
Electric Insulation	Class III
Max Current (A)	0.4
Radio Frequency	2.4 GHz (Zigbee 3.0)
Radio Range	7m (in room, extendable with Zigbee repeaters)
Compliance	RCM, CE
Solar	Not compatible with WireFree Solar Panel with USB C [9029114]
Low battery indicator	LED on motor & via TaHoma by Somfy App

5 YEARS WARRANTY



Glydea® ULTRA 50 WireFree Zigbee

Technical Specifications



Motor Dimensions & Weights

L1	300mm
L2	280mm
L3	93mm
L4	58mm
Motor Weight	Motor: 1035g Battery: 410g

Dedicated Compatible Accessories

9029480 Motor Hook for Glydea 50 WireFree Zigbee
Motor hook compatible with both hook and snap solutions.

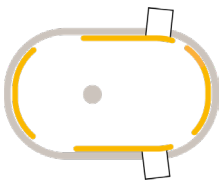
9029481 Drive Pulley for Glydea 50 WireFree Zigbee
Allows the Glydea Ultra 50 WireFree motor to be mounted in 4 different angles. *Suitable for 1-way only.

9029482 Drive Pulley Adaptor Plate for Glydea 50 WireFree Zigbee
Allows Glydea Ultra 50 WireFree to be mounted onto Glydea Ultra Drive Pulley Assembly [1780945].



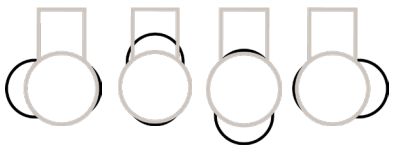
Installation Considerations

[9029480] Motor Hook



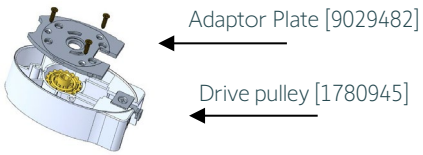
Versatile motor hooks that work with Pinch Pleat hooks and RippleFold® snaps.

[9029481] Drive Pulley



Versatile mounting allows 0, 90, 180, -90-degree positioning to better accommodate various types of curtains.
*Suitable for 1-way only.

[9029482] Drive Pulley Adaptor



Upgrade an existing curtain installation with a Glydea Ultra 50 WireFree Zigbee motor by simply adding the adaptor plate to the top of the drive pulley [1780945].
1 motor position available with the drive adaptor plate.

- Motor must be installed vertically.
- Maximum distance between motor and charger is 4m.
- To ensure safety, Somfy products must only be used for their intended applications, and with the appropriate Somfy accessories.
- Must recharge using Somfy Li-ion charger only [9028893].
- Do not keep the charger plugged in permanently to the motor. Somfy recommends to unplug after recharging.
- Motor must be fully charged prior to the first use. For good battery health, ensure the battery is fully charged at least once every 2 years.

Product Functions & Features

Comparison Chart

Movelite Curtain Motors

Technology	RTS		WT*		WireFree RTS
Technical Information					
Maximum Curtain Weight	35kg	60kg	35kg	60kg	35kg
Max Track length (m)	10	12	10	12	6
Motor Main Features					
Linear Speed (cm/s)			15		
Soft Start, Soft Stop		×		×	×
Tandem Operation		N/A		×	N/A
Manual Override		✓		✓	✓
Adjustable end limits		✓		WT: × DCT: ✓	✓
Touch motion		✓		WT: × DCT: ✓	✓
Open, Close & my favourite position	✓	✓		WT: × DCT: ✓	✓
Compatible with 1-way and 2-way openings		✓		✓	✓
Compatible with Glydea Track & Accessories		✓		✓	✓
Compatible with TaHoma switch		✓		×	✓
Voice Control compatibility***		Google Assistant Amazon Alexa		×	Google Assistant Amazon Alexa
Compatible with Glydea Ultra RS485 Module		×		×	×
Compatible with Glydea Ultra Zigbee Module		×		×	×
Option to change the cable output direction		×		×	×

** Capable of converting to Somfy DCT technology. Refer to conversion wiring diagram.*
***When wired directly to a relay or switch (RTS control not available)*
****When part of a TaHoma switch installation*

Movelite 60 AC

Technical Specifications

Item Numbers

Movelite 60 RTS with Open Cable	1246077
Movelite 60 RTS with Inline Connector	1247151
Movelite 60 WT with Open Cable	1246075
Movelite 60 WT with Inline Connector	1247150

5 YEARS WARRANTY

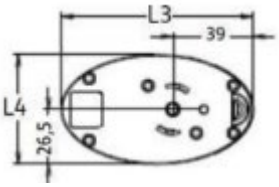


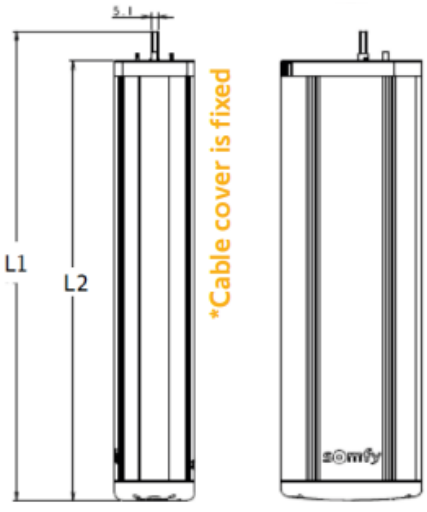
Technical Specification & Performance

Supply	AC
Voltage (V)	240
Thermal Time	2.5 Mins
IP Index	IP30 (Indoor use only)
Limit Switch Unit	Electronic
Temperature Working Range	0°C to +60°C
Max Curtain Weight (kg)	60
Torque (Nm)	1.0
Linear Speed (cm/s)	15
Sound performance (dBA)	41
Max Track Length (m)	12
Min. Bending Radius (mm)	300
Electric Insulation	Class I
Max Current (A)	0.3
Radio Frequency [RTS only]	433.42MHz
Compliance	RCM, CE

Motor Dimensions & Weights

L1	283mm
L2	263mm
L3	93mm
L4	53mm
Motor Weight	RTS 1100g WT 1120g





Somfy recommends all 240V motors have an Australian certified and compliant 3-pin plug added to the motor open cables to allow safe termination of 240V power.

Movelite 35 AC

Technical Specifications

Item Numbers

Movelite 35 RTS with Open Cable	1240239
Movelite 35 RTS with Inline Connector	1245732
Movelite 35 WT with Open Cable	1240237
Movelite 35 WT with Inline Connector	1245733

5 YEARS WARRANTY

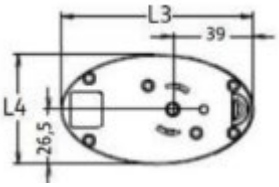


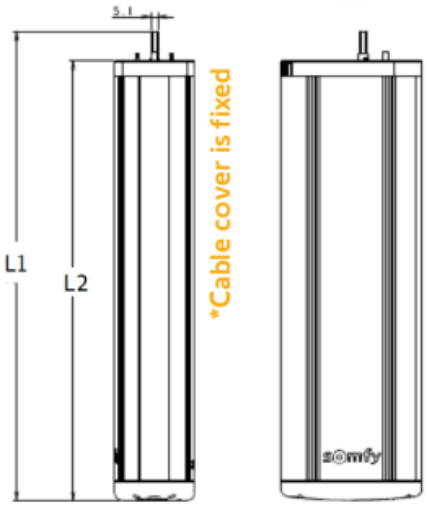
Technical Specification & Performance

Supply	AC
Voltage (V)	240
Thermal Time	2.5 Mins
IP Index	IP30 (Indoor use only)
Limit Switch Unit	Electronic
Temperature Working Range	0°C to +60°C
Max Curtain Weight (kg)	35
Torque (Nm)	0.6
Linear Speed (cm/s)	15
Sound performance (dBA)	41
Max Track Length (m)	10
Min. Bending Radius (mm)	300
Electric Insulation	Class I
Max Current (A)	0.3
Radio Frequency [RTS only]	433.42MHz
Compliance	RCM, CE

Motor Dimensions & Weights

L1	283mm
L2	263mm
L3	93mm
L4	53mm
Motor Weight	RTS 1100g WT 1120g





Somfy recommends all 240V motors have an Australian certified and compliant 3-pin plug added to the motor open cables to allow safe termination of 240V power.

somfy

Movelite 35 WireFree RTS with USB-C Connector

Technical Specifications

Item Numbers

Movelite 35 WireFree RTS with USB-C Connector	1246145
Li-ion USB C Charger	9028922

Technical Specification & Performance

Supply	DC
Nominal Voltage (V)	14.8 VDC (Rechargeable)
Thermal Time	2.5 Mins
IP Index	IP20 (Indoor use only)
Limit Switch Unit	Electronic
Temperature Working Range	0°C to +60°C
Charging temperature	0°C to +40°C
Max Curtain Weight (kg)	35
Torque (Nm)	0.6
Linear Speed (cm/s)	15
Sound performance (dBA)	41
Max Track Length (m)	6
Min. Bending Radius (mm)	300
Battery Autonomy	7.5 Months
Charging Time	6 Hours
Low battery indicator	Motor will beep following operation
Electric Insulation	Class III
Max Current (A)	0.4
Radio Frequency	433.42Mhz
Radio Range	200m (open field)
Compliance	RCM, CE
Charging accessories	Compatible with USB C Magnetic charging accessories 9028563 & 9028563). Please allow an extra 20 minutes of charging time.
Solar	Not compatible with WireFree Solar panel with USB C [9029114]

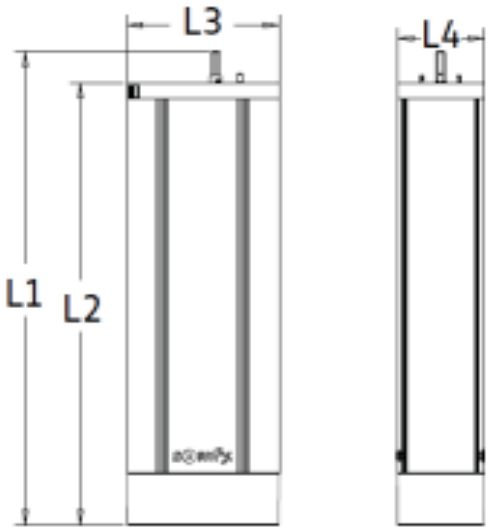
5 YEARS WARRANTY

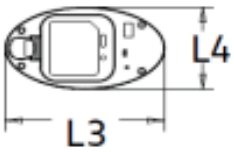


somfy

Motor Dimensions & Weights

L1	298mm
L2	278mm
L3	93mm
L4	53mm
Motor Weight	Motor: 1035g Battery: 410g





Installation Considerations

- Motor must be installed vertically.
- Maximum distance between motor and charger is 4m.
- To ensure safety, Somfy products must only be used for their intended applications, and with the appropriate Somfy accessory.
- Must recharge using Somfy Li-ion charger only [9028893].
- Do not let the charger plugged in permanently to the motor. Somfy recommends to unplug after recharge.
- Motor must be fully charged prior to the first use. For good battery health, ensure the battery is charged at least every 2 years.



Part 2:

Curtain Motor Wiring Examples
and Installation Considerations

- Zigbee 3.0
- Radio Technology Somfy [RTS]
- Wired Technology [WT]
- Somfy Digital Network ™ [SDN - RS485]
- Dry Contact Technology [DCT]
- Charging Accessories for WireFree Curtains

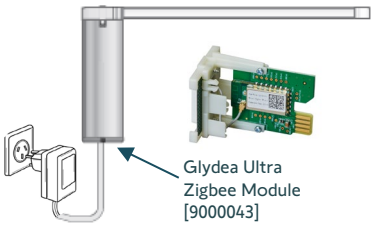
240V AC Curtain Motor
Wiring Specifications

Pre-Start Checklist

- Somfy recommends all 240V motors have an Australian certified and compliant 3-pin plug added to the motor open cables to allow safe termination of 240V power.
- Examples below are for illustrative purposes only. Additional components may be required depending on your installation.
- Wiring diagrams are not relevant with Glydea Ultra 50 WireFree Zigbee and Movelite 35 WireFree RTS motors.

Zigbee Control

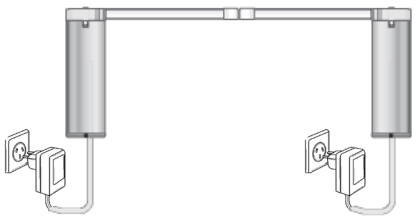
Individual Control



Control options



Group Control

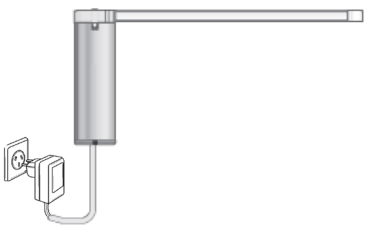


Installation Considerations

- Glydea Ultra Zigbee Module [9000043] is inserted into the motor underside.
- Compatible with Glydea Ultra RTS Index F motors only. Not compatible with Movelite range.
- Works in Standalone [Motor + Ysia Control] or as part of a TaHoma switch ecosystem.
- Insert the Glydea Ultra Zigbee Module into the compatible Glydea Ultra motor prior to starting the pairing process.
- Once the Glydea Zigbee module is inserted, the frequency will automatically change to 2.4GHz. Any existing paired RTS controls (which work on 433.42 MHz) will no longer function.
- Ensure the motor end limits are set prior to pairing to a TaHoma switch.
- Tandem operation is not possible.

Radio Technology Somfy® [RTS] Control

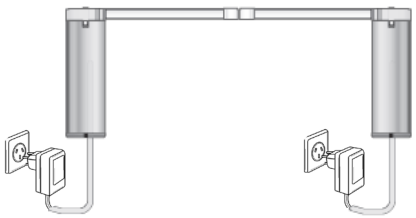
Individual Control



Control options



Group Control



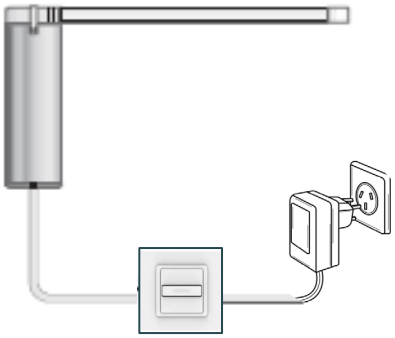
Installation Considerations

- Tandem Operation is not possible.

240V AC Curtain Motor
Wiring Specifications

Wired Control [WT]

Individual Control



Wiring Key

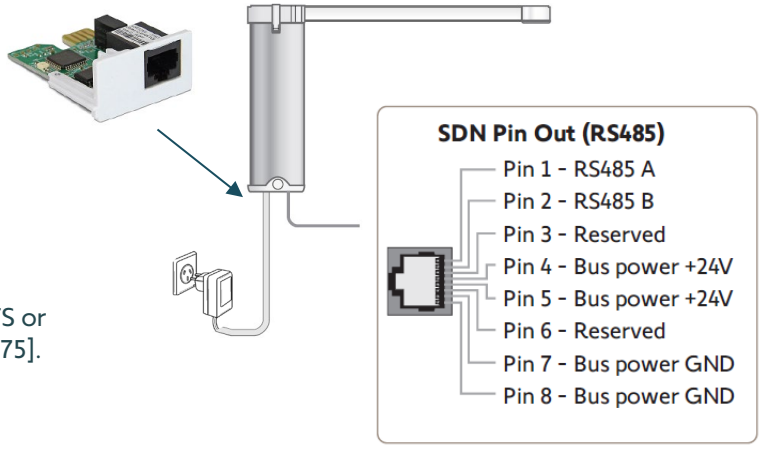
	Wire	100V-240V
1	Neutral	Blue
2	Live	Brown
3	Live	Black
4	Earth	Yellow/Green

Installation Considerations

- Tandem operation is possible

Somfy Digital Network ™ [RS485]

- **Glydea Ultra RS485 Module** (Compatible with Index F RTS or DCT motors) [1871412].
- **Glydea Ultra RS485 Module** (Compatible with Index E or earlier RTS or DCT motors) [1870275].





Installation Considerations

- Glydea Ultra RS485 module is inserted into the motor underside.
- Tandem operation is not possible.

240V AC Curtain Motor
Wiring Specifications

Dry Contact Technology [DCT]

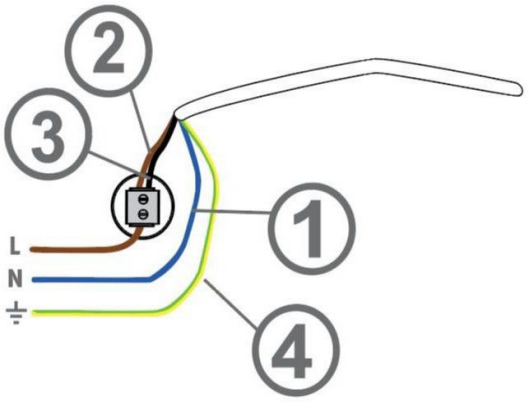
DRY CONTACT

- You can switch from a WT control mode (AC switching) to Dry Contract switching (DCT), by connecting the black and brown wires permanently to live.
- Converting a Glydea Ultra WT motor to a Glydea Ultra DCT motor must only be undertaken by a qualified electrician. For further information, please contact the Somfy technical support team.

Installation Considerations



- Once the conversion to DCT is complete, a DCT setting tool (ref # 9014599) is required to complete the control settings (i.e..: set limits, control and reset). Data Cable is sold separately (9015443).
- Once converted to a DCT motor, the motor can only be reset using the DCT setting tool [9014599]. Refer to the Glydea Ultra DCT instruction manual for further information.



Wiring Key

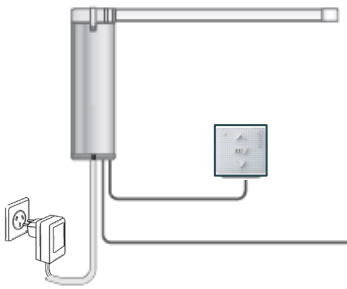
	Wire	100V-240V
1	Neutral	Blue
2	Live	Brown
3	Live	Black
4	Earth	Yellow/Green

The Dry Contact Control can be done through devices with 2 normally open contacts (open, close) or 3 normally open contacts (open, stop, close). For devices using 2 contacts, the stop command is achieved by closing the open and close contacts. For 3 devices, the stop can also be achieved with a specific stop button.

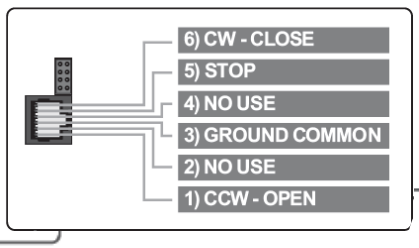
Number of DCT Curtain Motors and Length of Control Limitations

Wire Cross-Section	Maximum Length of Cable	Maximum Number of Motors
Cat5 or Equal	100m	10
0.75 mm2	200m	20

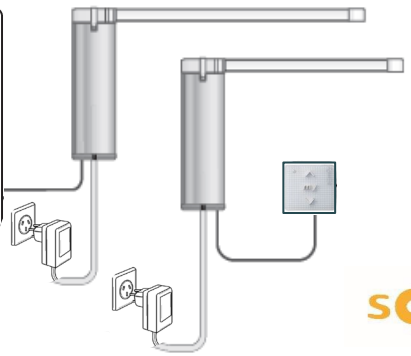
Individual Control



RJ12 Socket Pin Out



Group Control



Charging Accessories
WireFree Curtains

- Maximum distance between motor and charger is 4m.
- To ensure safety, Somfy products must only be used for their intended applications, and with the appropriate Somfy accessory.
- For safety and warranty purposes, Somfy WireFree Curtain motors must be recharged using the Somfy Li-ion charger only.
- Do not leave the charger plugged in permanently to the motor. Somfy recommends to unplug after recharge.
- Motor must be fully charged prior to the first use. For good battery health, ensure the battery is charged at least every 12 months.
- Magnetic Adaptor [9028564] does not sit flush against the battery pack. Do not use excessive force to push the adaptor into the USB-C charging port.
- Please allow an extra 20 minutes of charging time when using the USB-C magnetic charging accessories [9028564 & 9028563].
- Somfy WireFree Curtain motors are not compatible with the WireFree Li-ion Solar panel kit [9029114].

Glydea Ultra 50 WireFree Zigbee [1246594]
(Includes battery pack)

Glydea Ultra 50 WF ZB USB–C Spare Battery Pack [9025268]



Movelite 35 WireFree RTS with USB-C Connector [1246145] *(Includes battery pack)*

Movelite 35 WF RTS USB–C Spare Battery Pack [9028493]



Description	Reference	
Li-ion USB C WireFree Charger (3m Cable)	9028922	
Magnetic USB-C Adaptor	9028564	
Magnetic USB-C Rigid Cable (0.8m length)	9028563	
USB-C 20cm Charging Extension Cable	9028565	



Part 3:

Curtain Components & Accessories

- Curtain Components & Accessory Reference Comparison Chat (Glydea Silent vs Glydea Heavy Duty vs Glydea Black Accessories)
- Curtain Components & Accessories List

Curtain Components & Accessories

Comparison Chart

Curtain Accessory	Silent Accessory White	Heavy Duty White	Heavy Duty Black	Glydea Ultra 50 WireFree ZB
Rotating Eye Runner			9026941	
High Performing Rotating Runner	1782921	1781415	9026932	
Ripple Runner 1 7/8" (48mm)	9027594	1780901		
Ripple Runner 2 1/8" (54mm)	9027593	1780902	9026938	
Ripple Runner 2 3/8: (60mm)	9027592	1780903	9026939	
Ripple Runner W/Eyelet 60mm	9027591	1782310	9028569	
Ripple Runner W/Eyelet 80mm	9027590			
RippleFold Runner Fixing	9027657			
Master Carrier	1782922	1781344		
Drive Pulley Assembly		1780945	9026933	9029481
Smally Pulley Assembly		1782318	9026927	
Pulley Assembly		1780897		
Pulley Cover		1780898	9026931	
Motor Hook		1780895	9026928	9029482
Motor Hook with Snap		1780905	9026940	
Swivel Ceiling Bracket		1780906	9026929	
One Touch Ceiling Bracket		1780907	9028544	
Adjustable Wall Mount Bracket		1780909	9026930	
Double Adjustable Wall Mount Bracket		1780910		
Ceiling Fixing Plate		1782789		
RippleFold Straight Arm Kit		1780946	9026936	
Ripple Overlap Arm Kit		1780947	9026937	
Small Ripple Underlap Arm Kit		1782321	9026935	
Small Ripple Overlap Arm Kit		1782320		
Drive Pulley Adaptor Plate to work with 1780945				9029482

Glydea Ultra Silent Accessories [White]

SILENT MASTER CARRIER



Ref: 1782922

Can be used on all track configurations & shapes (including RippleFold)

SILENT ROTATING EYE RUNNER



Ref: 1782921

- Runner mounted on wheels with rotating eyelet
- Width: 14mm / Max Load: 1.5kg / Qty: approx. 10 per metre

SILENT RIPPLE RUNNER W/ EYELET 80MM



Ref: 9027590

- 80mm
- Runner mounted on wheels for ripple curtains
- Cord is snapped on the runner body
- Snap tape is not required

SILENT RIPPLE RUNNER W/ EYELET 60MM



Ref: 9027591

- 60mm
- Runner mounted on wheels for ripple curtains
- Cord is snapped on the runner body
- Snap tape is not required

SILENT RIPPLE RUNNER 2 3/8"



Ref: 9027592

- Runner mounted on wheels for 80% fullness ripple curtails
- Cord is snapped on the runner body
- 250 snap-on pendants supplied
- Width: 14mm / Max Load: 1.5kg / Qty: approx. 17 per metre

SILENT RIPPLE RUNNER 2 1/8"



Ref: 9027593

- Runner mounted on wheels for 100% fullness ripple curtains
- Cord is snapped on the runner body
- 250 Snap-on pendants supplied
- Width: 14mm / Max Load: 1.5kg / Qty: approx. 19 per metre

SILENT RIPPLE RUNNER 1 7/8"



Ref: 9027594

- Runner mounted on wheels for 120% fullness ripple curtains
- Cord is snapped on the runner body
- 250 snap-on pendants supplied
- Width: 14mm / Max Load: 1.5kg / Qty: approx. 21 per metre

SILENT RIPPLEFOLD RUNNER FIXING HOLDER



Ref: 9027657

- Allows simple connection of RippleFold Runner to Silent Master Carrier

Track Components

PULLEY ASSEMBLY



Ref: 1780897

- Pulley assembly to put opposite the motor side
- Colour: White
- Unit weight: 82g
- Hooks sold separately

DRIVE PULLEY ASSEMBLY



Ref: 1780945

- Pulley assembly to use on the motor side
- Colour: White
- Unit weight: 73g
- Hooks sold separately
- Also available in black [90269333]

GLYDEA CURTAIN TRACK 6.3M [WHITE]



Ref: 1782106

- 6.3m Curtain Track
- Colour: White
- Aluminium Temper 5
- 1 Pack = 6 Rails

MOTOR HOOK WHITE



Ref: 1780895

- Plastic hook to hang the curtain on the pulleys
- Recommended quantity is minimum 1 for one-way tracks & 2 for two-way tracks – more might be needed
- Colour: White
- Unit weight: 2.3g

SMALL PULLEY ASSEMBLY



Ref: 1782318

- Pulley assembly to put opposite the motor side
- Colour: White
- Hooks sold separately
- Available in black [9026927]

HEAVY DUTY MASTER CARRIER



Ref: 1781344

- Compatible on all track configurations & shapes including ripple curtain to the maximum weight capacity of Somfy Curtain motors

GLYDEA CURTAIN TRACK 6.3M [MILL]



Ref: 9014599

- 6.3m Curtain Track
- Colour: Mill
- Aluminium Temper 5
- 1 Pack = 6 Rails

HIGH PERFORMANCE BELT - 60M



Ref: 9027657

- 60M roll of 10mm black pre-lubricated belt
- Approx. 2 times the length of the track is required
- Compatible on all track configurations & shapes including ripple curtain to the maximum weight capacity of Somfy motors

Glydea Ultra 50 WireFree Zigbee Dedicated Accessories

DRIVE PULLEY FOR GLYDEA ULTRA 50



Ref: 1782922

- Versatile mounting allows s 0, 90, 180, -90-degree positioning to better accommodate various types of curtains

DRIVE PULLEY ADAPTOR FOR GLYDEA ULTRA 50 WIREFREE ZIGBEE



Ref: 9029482

- Upgrade an existing curtain installation with a Glydea Ultra 50 WireFree Zigbee motor by simply adding the adaptor plate to the top of the drive pulley [1780945]
- 1 motor position available with the drive adaptor plate

MOTOR HOOK FOR GLYDEA ULTRA 50 WIREFREE ZIGBEE



Ref: 1782922

- Versatile motor hooks that work with Pinch Pleat hooks and RippleFold® snaps

GLYDEA ULTRA 50 WIREFREE BATTERY [SPARE PART]

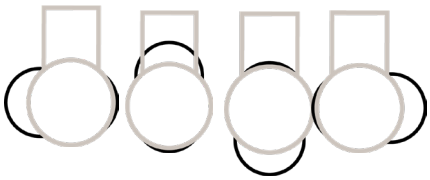


Ref: 9025268

- **Battery autonomy**: 9 months
- **Charging time**: 4 hrs
- **Battery type:** 2600mAh rechargeable Li-ion battery
- **Compatible charger:** 1782922 (Sold separately)

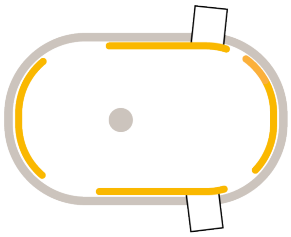
Installation considerations for Glydea Ultra 50 dedicated accessories:

[9029481] Drive Pulley for Glydea 50 Ultra WireFree Zigbee



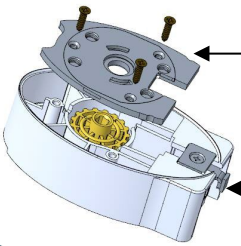
Versatile mounting allows 0, 90, 180, -90 degree positioning to better accommodate various types of curtains.

[9029482] Motor Hook for Glydea 50 Ultra WireFree Zigbee



Versatile motor hooks that work with Pinch Pleat hooks and RippleFold® snaps.

[9029482] Drive Pulley Adaptor for Glydea Ultra 50 WireFree Zigbee



Upgrade an existing curtain installation with a Glydea Ultra 50 WireFree Zigbee motor by simply adding the adaptor plate to the top of the drive pulley [1780945]. 1 motor position available with the drive adaptor plate.

WireFree Chargers, Advanced Charging Accessories and Spare Parts

LI-ION USB-C WIREFREE CHARGER



Ref: 1782922

- 3m cable included
- 15V charger
- Maximum distance between motor and charger is 4m
- Do not leave the charger plugged in permanently into the motor

MAGNETIC USB-C RIGID CABLE



Ref: 9028563

- 0.8Mm length
- Magnetic semi-rigid extension cable for a simplified charging experience
- Works with 9028564 & 9028922

IRISMO WIREFREE BATTERY [SPARE PART]



Ref: 9026476

- **Battery autonomy**: 9 months
- **Charging time**: 6 hrs.
- **Battery type:** 3200mAh rechargeable Li-ion battery
- **Compatible charger:** 9026468 (Sold separately)

MAGNETIC USB-C ADAPTOR



Ref: 9028564

- A simplified charging experience
- Works with 9028563
- Adaptor does not sit flush against the battery pack. Do not use excessive force to push the adaptor into the charging port

USB-C 20CM CHARGING EXTENSION CABLE



Ref: 9028565

- A 20cm extension cable to increase the length of your USB-C charging cable
- Works with 1782922

MOVELITE WIREFREE BATTERY [USB-C] SPARE PART



Ref: 9029063

- **Battery autonomy**: 7.5 months
- **Charging time**: 6 hrs.
- **Battery type:** 2600mAh rechargeable Li-ion battery
- **Compatible charger:** 1782922 (Sold separately)

Track Components

HEAVY DUTY STRAIGHT ARM



- Stainless steel arm screwed on to the master carrier of 2-way tracks
- Used to hang curtains with pleats with 3 pitch
- Unit weight: 29kg

Ref: 1781416

HEAVY DUTY OVERLAP ARM KIT



- Stainless steel overlap arm with roller wheel attached to a master carrier on 1 way or 2-way system when additional blackout is needed

Ref: 1781417

MAGNETIC USB-C RIGID CABLE



- Used to link two rails together

Ref: 9028563

RippleFold Accessories

RIPPLE SNAP TAPE (4-¼") 91.4M



- Ripple snap tape 4¼ (108mm) reel of 91.4m

Ref: 1782301

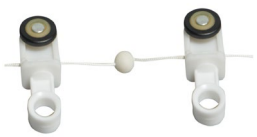
MOTOR HOOK WHITE WITH SNAP



- Plastic hook with female snaps to use for ripple curtains
- Colour: White
- Also available in black [9026940]

Ref: 1780905

RIPPLE RUNNER 2 3/8"



- Runner mounted on wheels for 80% fullness ripple curtains
- Cord already snapped on the runner body
- 500 snap pendants supplied
- Width: 14mm / Max Load: 1.5kg
- Qty. Approx. 17 per metre
- Available in black [9026939]

Ref: 1780903

HIGH PERFORMANCE ROTATING RUNNER



- Runner mounted on wheels with rotating eyelet. Not to be used with RippleFold
- Qty: Approx. 10 per metre
- Colour: White
- Unit weight: 3.2g
- Also available in black [9026932]

Ref: 1781415

somfy

RIPPLE RUNNER 2 1/8"



- Runner mounted on wheels for 100% fullness ripple curtains
- Cord already snapped on the runner body
- 500 snap pendants supplied
- Width: 14mm / Max load: 1.5kg
- Qty. Approx. 19 per metre
- Available in black [9026938]

Ref: 1780902

ROTATING RIPPLE EYELET RUNNER 60MM



- Runner mounted on wheels for ripple curtains
- Cord is already snapped to the runner body
- 500 rotating runner eyelets supplied
- No need to use snap tape
- Available in black [9028569]

Ref: 1782310

HEAVY DUTY RIPPLE OVERLAP ARM KIT



- Stainless steel overlap with roller wheel
- Used with a master carrier on a 1-way ripple curtain with overlap
- Also available in black [9026937]

Ref: 1780947

RIPPLE RUNNER 1 7/8"



- Runner mounted on wheels for 120% fullness ripple curtains
- Cord already snapped on the runner body
- 500 snap pendants supplied
- Width: 14mm / Max load: 1.5kg
- Qty. Approx. 21 per metre

Ref: 1780901

HEAVY DUTY RIPPLEFOLD STRAIGHT ARM



- Stainless steel arm is screwed onto a master carrier on a 2-way track
- Used for a ripple curtain when an overlap solution is needed
- Also available in black [9026936]

Ref: 1780946

HEAVY DUTY RIPPLEFOLD BUTT ARM KIT



- Steel arm kit to be used with master carrier on a 2-way track
- Two kits are needed for a 2-way track
- Ensures complete aesthetic curtain finish for a 2-way opening

Ref: 1780953

RippleFold Accessories

ONE WAY BUTT ARM



- Steel arm kits to be used with master carrier on one-way tracks with butt arms
- Extends the folds of any RippleFold to the end of the track, eliminating the need to have a straight fabric effect when installing RippleFold curtains

Ref: 1782319

SMALL RIPPLE UNDERLAP ARM KIT



- Stainless steel underlap arm with roller wheel to be used with master carrier on 2-way ripple and classic curtain with overlap solution
- Ensures a complete aesthetic curtain finish
- Also available in black [9026935]

Ref: 1782321

SMALL RIPPLE OVERLAP ARM KIT



- Stainless steel overlap arm with roller wheel to be used with a master carrier on 2-way RippleFold and classic curtain with overlap solution
- Ensures a complete aesthetic curtain finish

Ref: 1782320

ADJUSTABLE RIPPLEFOLD ARM



- Provides consistent fabric fold for RippleFold applications
- To be used with a 90-degree motor adaptor late [9027179]

Ref: 9027045

90 DEGREE MOTOR ADAPTOR



- Compatible with Glydea and Movelite pulley, provides for 90-degree positioning of the motor, enabling consistent fabric fold
- To be used with the adjustable ripple fold arm kit [9027045]

Ref: 9027179

Brackets

SWIVEL CEILING BRACKET



Ref: 1780906

- Swivel ceiling bracket
- Minimized light gap (2mm)
- Colour: Zinc plated
- Minimum qty necessary 2.5/m
- Unit weight: 12.5g
- Also available in black [9026929]

ADJUSTABLE WALL MOUNT BRACKET



Ref: 1780909

- Wall mount angle bracket with minimum 10mm projection & 34mm extension capability
- To be used with ceiling bracket Ref. 1780906 or Ref. 1780907
- Supplied with the screws to fix one ceiling bracket
- Ceiling brackets sold separately
- Also available in black [9026930]

CEILING FIXING PLATE



Ref: 1782789

- Ceiling bracket allows for easy positioning & fix the track on the ceiling
- Colour: white
- Minimum qty necessary 0.5p/m
- Unit weight: 20g

ONE TOUCH CEILING BRACKET



Ref: 1780907

- Ceiling bracket allows for easy positioning of the fixing holes & snap-on mounting of the track
- Colour: White
- Minimum qty necessary 2.4/m
- Unit weight: 20g
- Also available in black [9028544]

DOUBLE ADJUSTABLE WALL MOUNT BRACKET



Ref: 1780910

- Wall mount angle bracket with minimum 100mm projection & 34mm extension capability
- To be used with ceiling bracket Ref. 1780906 or Ref. 1780907
- Supplied with the screws to fix one ceiling bracket
- Ceiling brackets sold separately

Curtain Accessories [Black]

RIPPLE RUNNER 2 1/8" BLACK



- Runner mounted on wheels for 100% fullness ripple curtains
- Cord already snapped on the runner body
- 500 snap pendants supplied
- Width 14mm / Max load: 1.5kg
- Qty: Approx 19/m
- Also available in white [1780902]

Ref: 9026938

ROTATING RIPPLE EYELET RUNNER 60MM BLACK



- Runner mounted on wheels for ripple curtains
- Cord is already snapped on the runner body
- 500 rotating runner eyelets supplied
- No need to use snap tape
- Also available in white [1782310]

Ref: 9028569

HIGH PERFORMANCE ROTATING EYE RUNNER BLACK



- Runner mounted on wheels with rotating eyelet. Not to be used with RippleFold
- Qty: Approx. 10 per metre
- Unit Weight: 3.2g
- Also available in white [1781415]

Ref: 9026932

RIPPLE RUNNER 2 3/8" BLACK



- Runner mounted on wheels for 80% fullness ripple curtains
- Cord already snapped on the runner body
- 500 snap pendants supplied
- Width: 14mm / Max load: 1.5kg
- Qty: Approx. 17/m
- Available in white [1780903]

Ref: 9026939

SMALL PULLEY BLACK



- Pulley assembly to put opposite the motor side
- Colour: Black
- Hooks sold separately
- Also available in white [1782318]

Ref: 9026927

Curtain Accessories [Black]

PULLEY COVER BLACK



Ref: 9026931

- Spare pulley cover
- Colour: Black
- Unit weight 9.5g
- Also available in white [1780898]

SWIVEL CEILING BRACKET BLACK



Ref: 9026929

- Swivel ceiling bracket
- Minimised light gap (2mm)
- Colour: Black
- Minimum qty necessary 2.5/m
- Unit weight: 12.5g
- Also available in Zinc plated [1780906]

ADJUSTABLE WALL MOUNT BRACKET BLACK



Ref: 9026930

- Wall mount angle bracket with minimum 100mm projection & 34mm extension capability
- To be used with ceiling bracket Ref. 9026931 or Ref. 9028544
- Supplied with the screw to fix one ceiling bracket
- Ceiling brackets sold separately
- Also available in white [1780909]

MOTOR HOOK BLACK



Ref: 9026928

- Plastic hook to hang the curtain on the pulleys
- Recommended quantity is minimum 1 for one-way tracks & 2 for two-way tracks. More may be needed
- Available in white [1780895]
- Unit weight: 2.3g

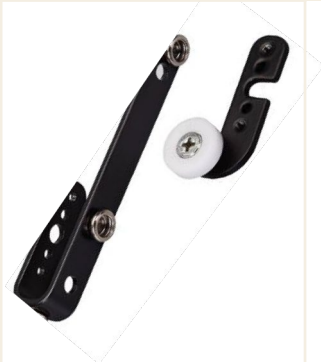
ONE TOUCH CEILING BRACKET BLACK



Ref: 9028544

- Ceiling bracket allows for easy positioning of the fixing holes & snap-on mounting of the track
- Minimum qty necessary 2.5/m
- Unit weight: 20g
- Also available in white [1780907]

SMALL RIPPLE UNDERLAP ARM KIT BLACK



Ref: 9026935

- Underlap arm with the roller wheel to be used the master carrier on 2-way ripple and classic curtain with overlap solution
- Ensures a complete aesthetic curtain finish
- Also available in white [1872321]

Curtain Accessories [Black]

RIPPLE MOTOR HOOK BLACK



- Plastic hook with a female snap to use for ripple curtains
- Colour: Black
- Also available in white [1780905]

Ref: 9026940

DRIVE PULLEY BLACK



- Pulley Assembly to use on the motor side
- Colour: Black
- Unit weight: 73g
- Hooks sold separately
- Also available in white [1780945]

Ref: 9026933

HEAVY DUTY STRAIGHT ARM BLACK



- Arm is screwed onto a master carrier on two-way track
- Used for a ripple curtain when an overlap solution is needed
- Also available in white [1780946]

Ref: 9026936

HEAVY DUTY OVERLAP ARM KIT BLACK



- Overlap with roller wheel
- Used with a master carrier on one-way ripple curtain with overlap
- Also available in white [1780947]

Ref: 9026937

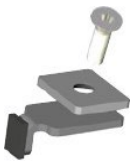
TOP MOUNT KIT GA



Ref: 1780908

- Kit of accessories to enable upside down installation

PULLEY STOPPER ASSEMBLY GA



Ref: 1780954

- Spare pulley stopper assembly as a kit
- Unit weight: 5g

PULLEY COVER GA



Ref: 1780898

- Spare Pulley Cover
- Cover: White
- Unit weight: 9.5g
- Also available in black [9026931]

GLYDEA DCT DATA CABLE (2.5M)



Ref: 9015443

- Wire 2.5m cable with RJ12 plug to use during the installation in combination with a DCT setting tool [9014599]

GLYDEA ULTRA RS485 MODULE [INDEX F MOTORS]



Ref: 1871412

- A RS485 module is adaptive to the Glydea Ultra **Index F** DCT or RTS motors only
- The RS485 Module allows for bi-directional communication
- Between the RS485 data wire and the RS485 product, the cable length should not exceed 20m

GLYDEA ULTRA RS485 MODULE [INDEX E & EARLIER MOTORS]



Ref: 1870275

- A RS485 module is adaptive to the Glydea Ultra **Index E or Earlier** DCT or RTS motors only
- The RS485 Module allows for bi-directional communication
- Between the RS485 data wire and the RS485 product, the cable length should not exceed 20m

DRY CONTACT SETTING TOOL



Ref: 9014599

- A DCT setting tool is required to complete the control settings for a DCT motor (i.e.: set limits, control and reset motors)
- The DCT setting tool is required to reset Movelite WT motors (with and without inline connectors)
- Data cable sold separately [9015443]

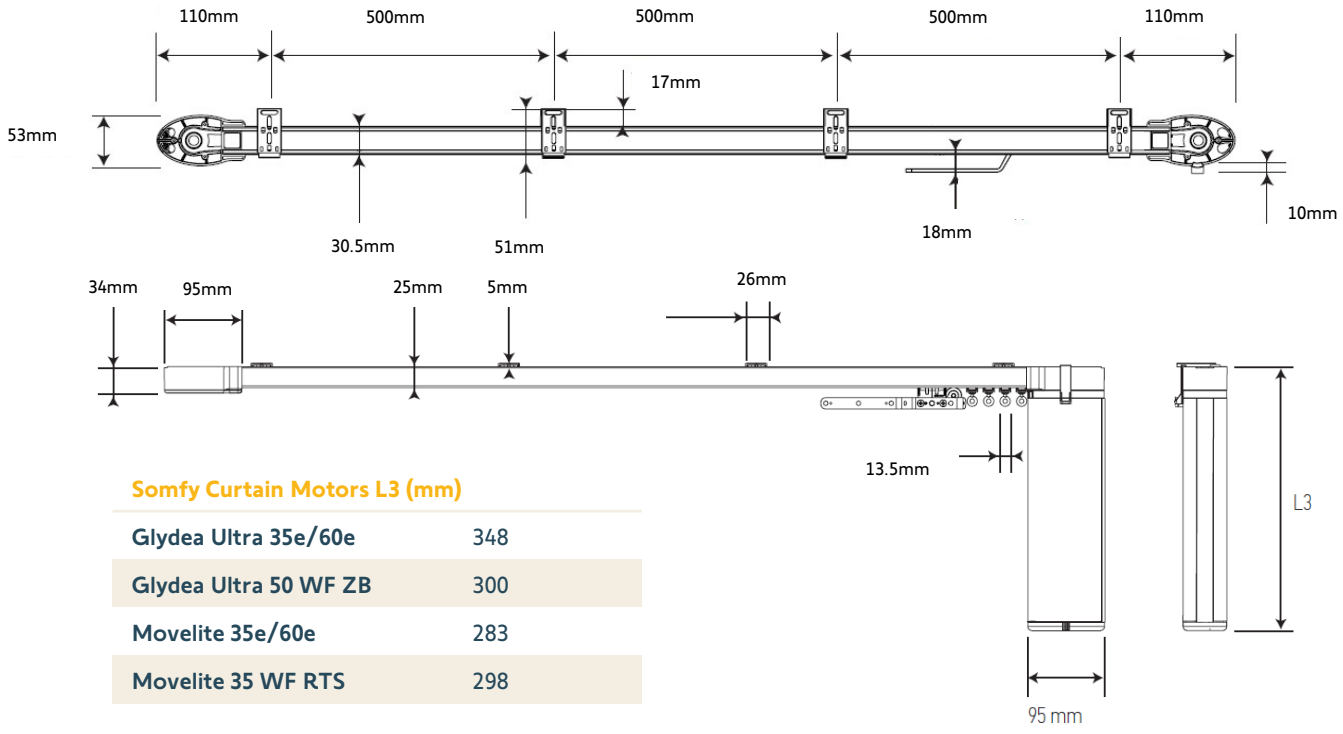


Part 4:

Product Dimensional Specifications

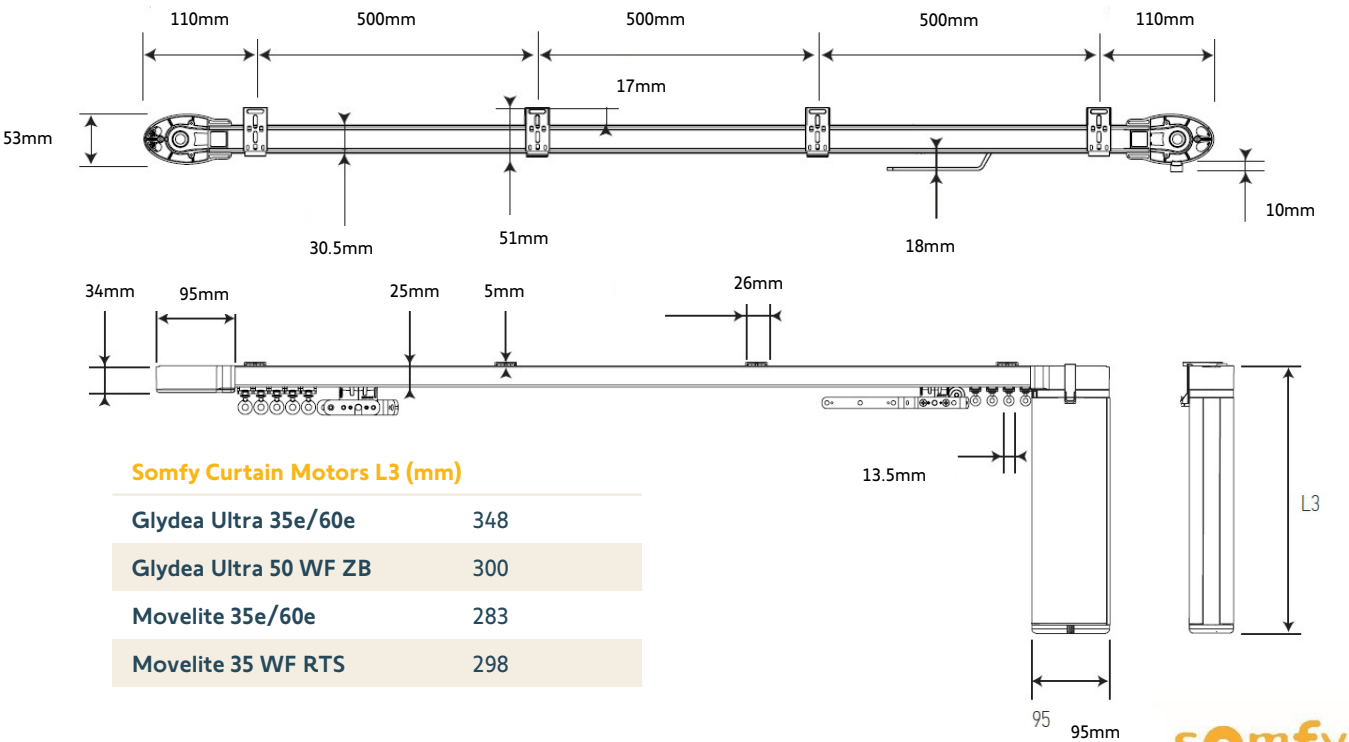
- Lateral Opening with Large Pulley
- Central Opening with Large Pulley
- Lateral Opening with Small Pulley
- Central Opening with Small Pulley
- One Touch Ceiling Bracket
- Swivel Ceiling Bracket
- Adjustable Wall Mount Bracket
- Double Adjustable Wall Mount Bracket

Lateral Opening with Large Pulley



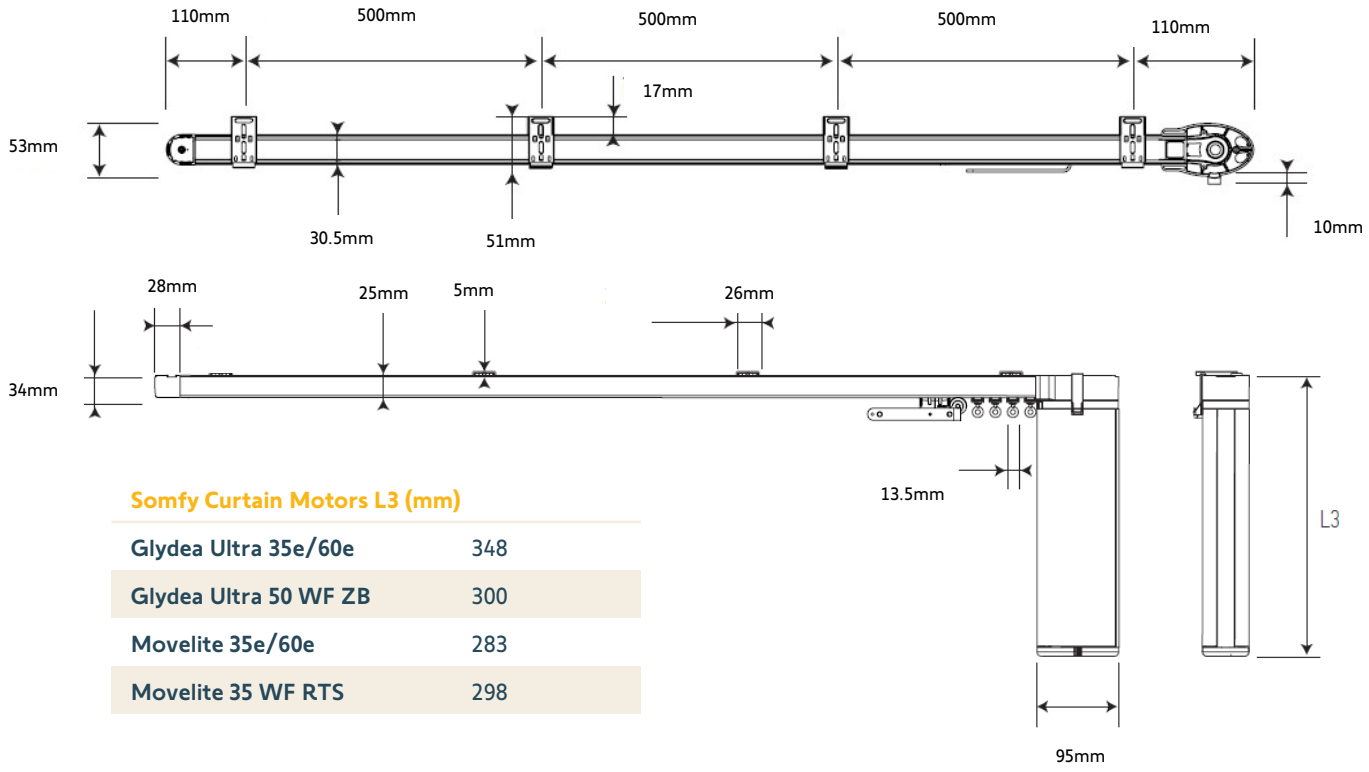
Somfy Curtain Motors L3 (mm)	
Glydea Ultra 35e/60e	348
Glydea Ultra 50 WF ZB	300
Movelite 35e/60e	283
Movelite 35 WF RTS	298

Central Opening with Large Pulley



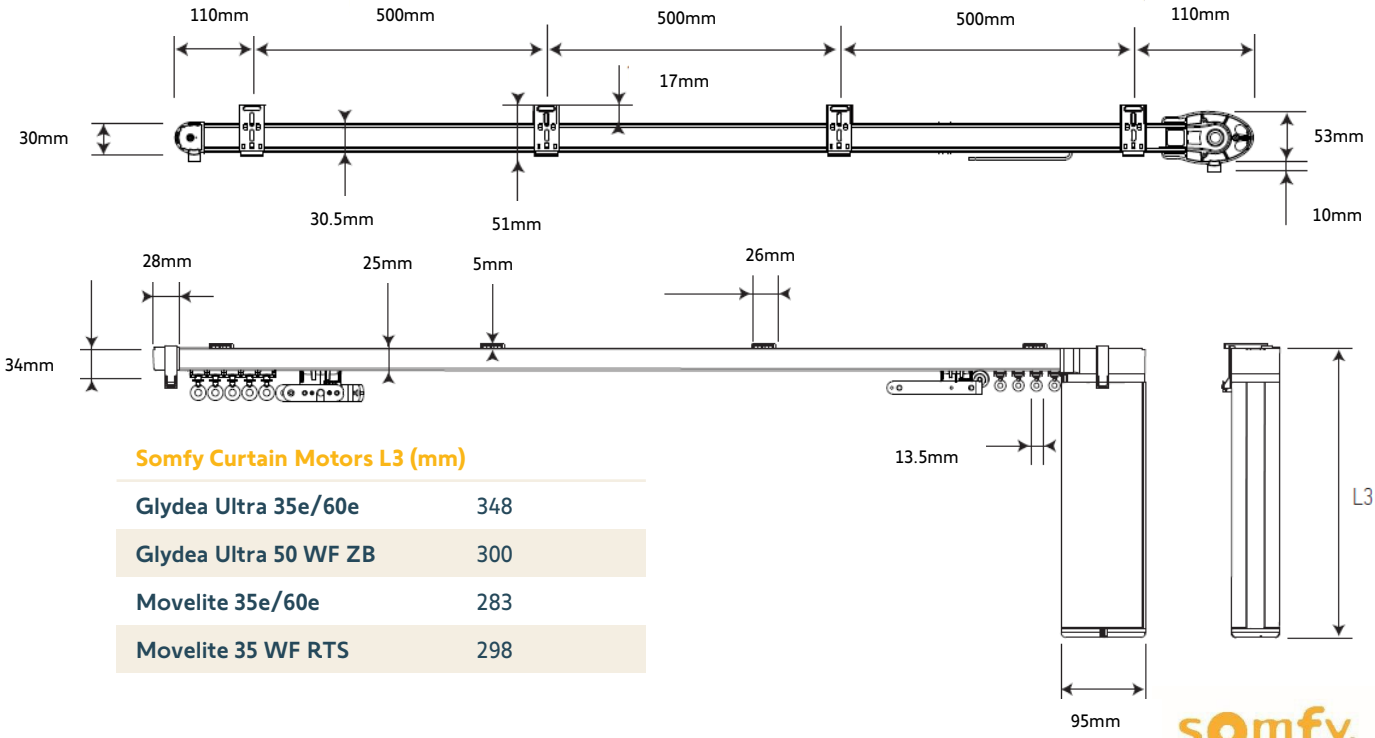
Somfy Curtain Motors L3 (mm)	
Glydea Ultra 35e/60e	348
Glydea Ultra 50 WF ZB	300
Movelite 35e/60e	283
Movelite 35 WF RTS	298

Lateral Opening with Small Pulley



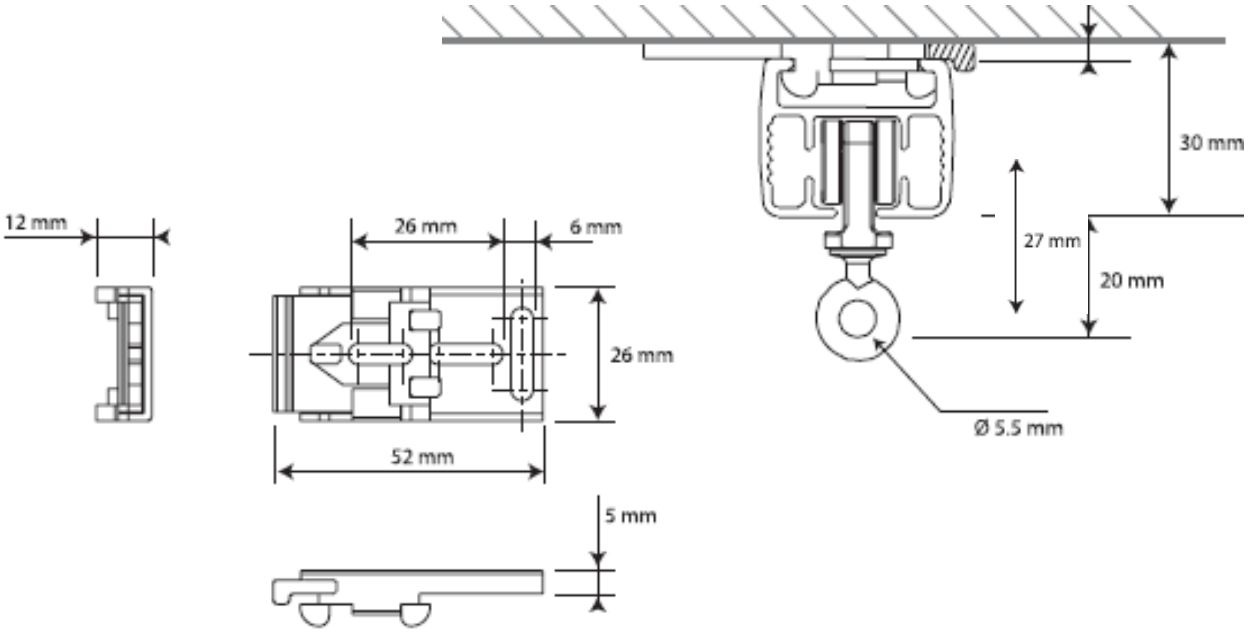
Somfy Curtain Motors L3 (mm)	
Glydea Ultra 35e/60e	348
Glydea Ultra 50 WF ZB	300
Movelite 35e/60e	283
Movelite 35 WF RTS	298

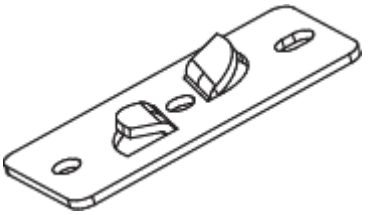
Central Opening with Small Pulley

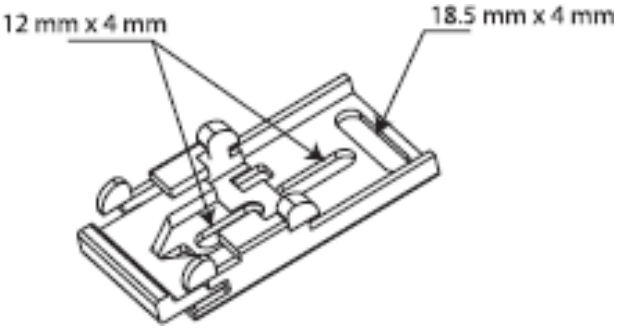


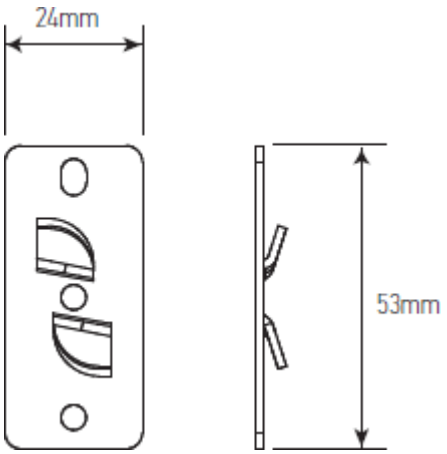
Somfy Curtain Motors L3 (mm)	
Glydea Ultra 35e/60e	348
Glydea Ultra 50 WF ZB	300
Movelite 35e/60e	283
Movelite 35 WF RTS	298

One Touch Ceiling Bracket



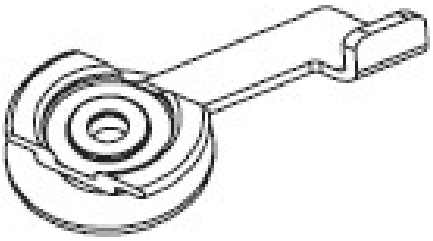


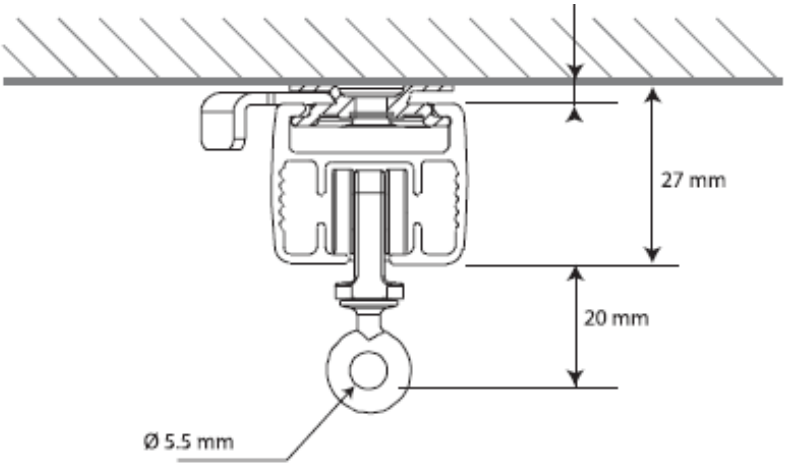


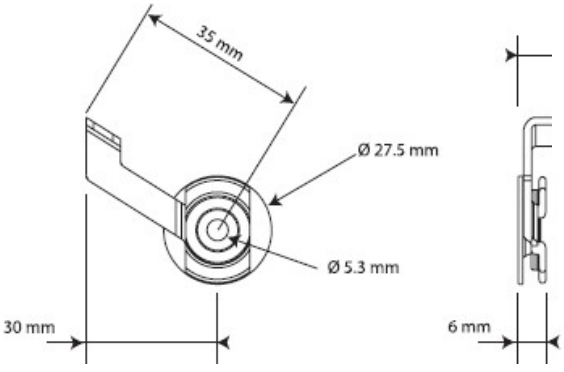


Item Numbers	
One Touch Ceiling Bracket White	1780907
One Touch Ceiling Bracket Black	9028544

Swivel Ceiling Bracket

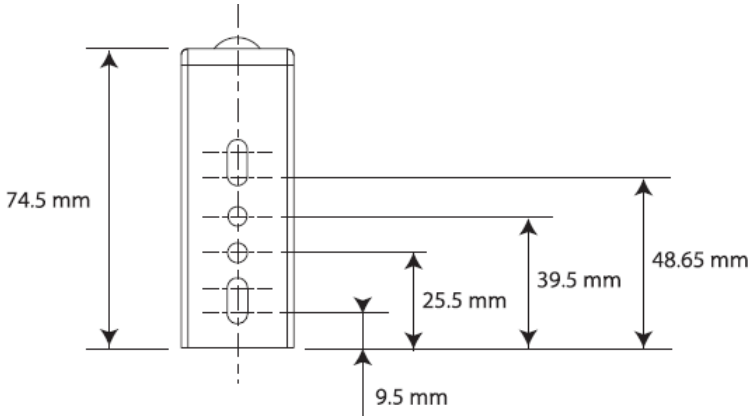


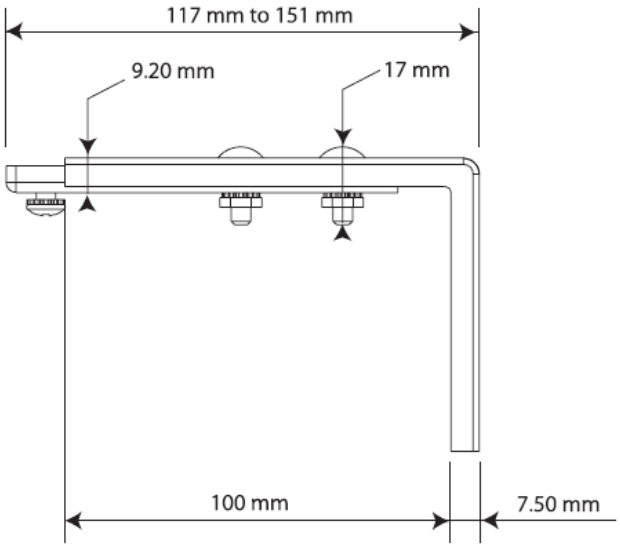


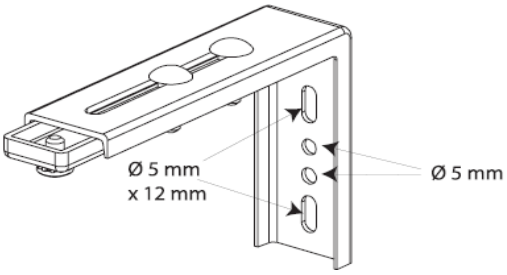


Item Numbers	
Swivel Ceiling Bracket White	1780906
Swivel Ceiling Bracket Black	9026929

Adjustable Wall Mount Bracket*



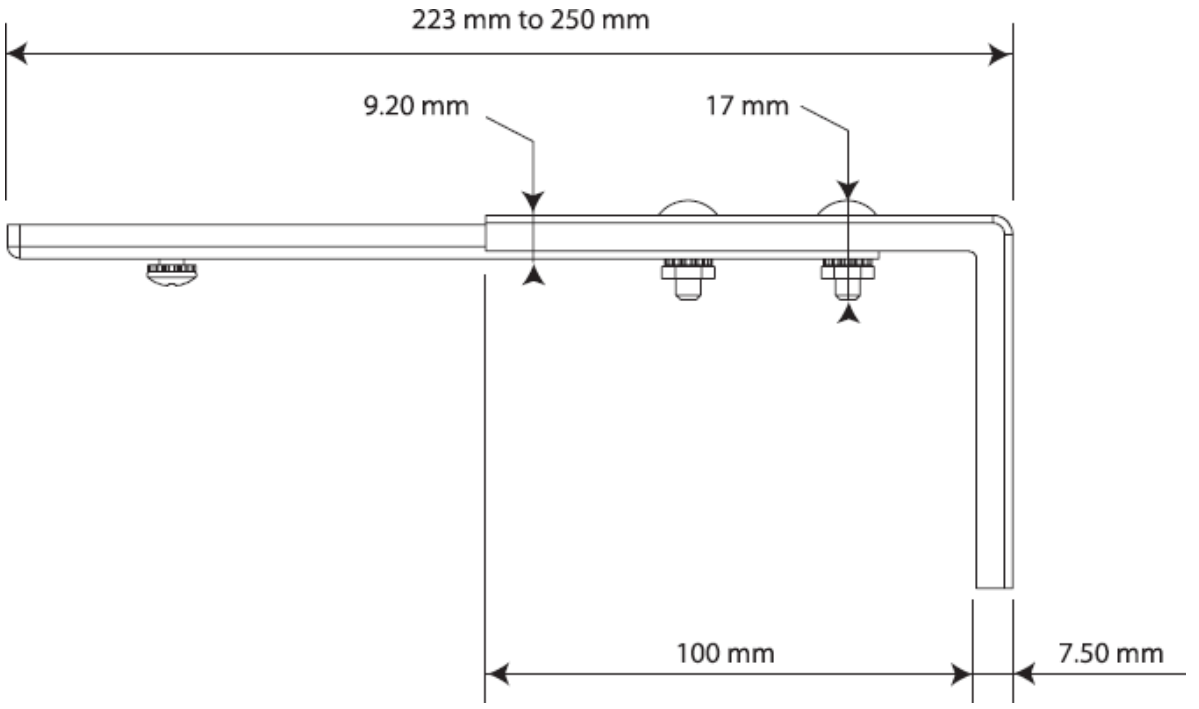


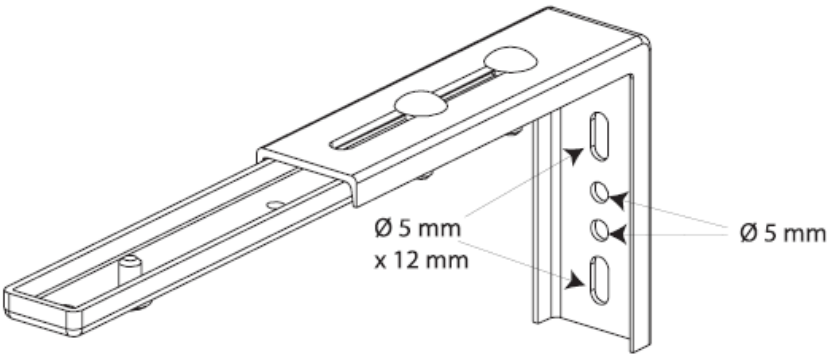


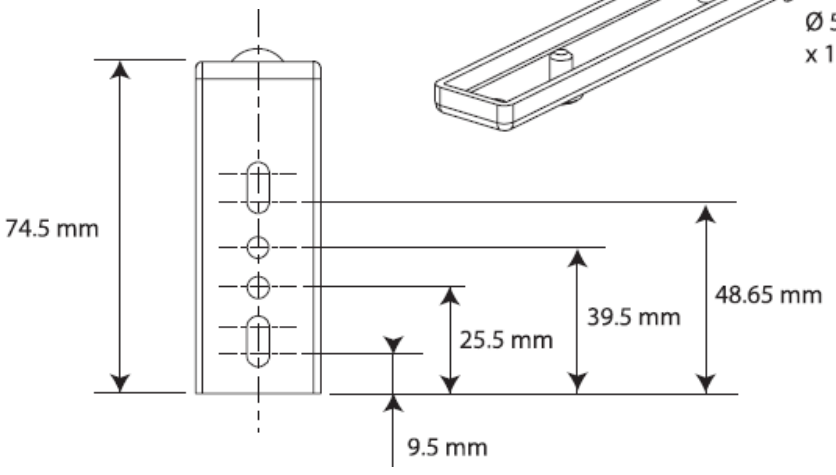
Item Numbers	
Adjustable Wall Mount Bracket White	1780909
Adjustable Wall Mount Bracket Black	9026930

**Kit Includes cover plate*

Double Adjustable Wall Mount Bracket*







Item Numbers	
Double Adjustable Wall Mount Bracket White	1780910

**Kit Includes cover plate*



Part 5:

Application Parameters

- Transversing Capacity
- Bending & Curving
- Somfy Curtain Actuators Selection Chart
- Track Configuration Options
- Top Mounting

Transversing Capacity

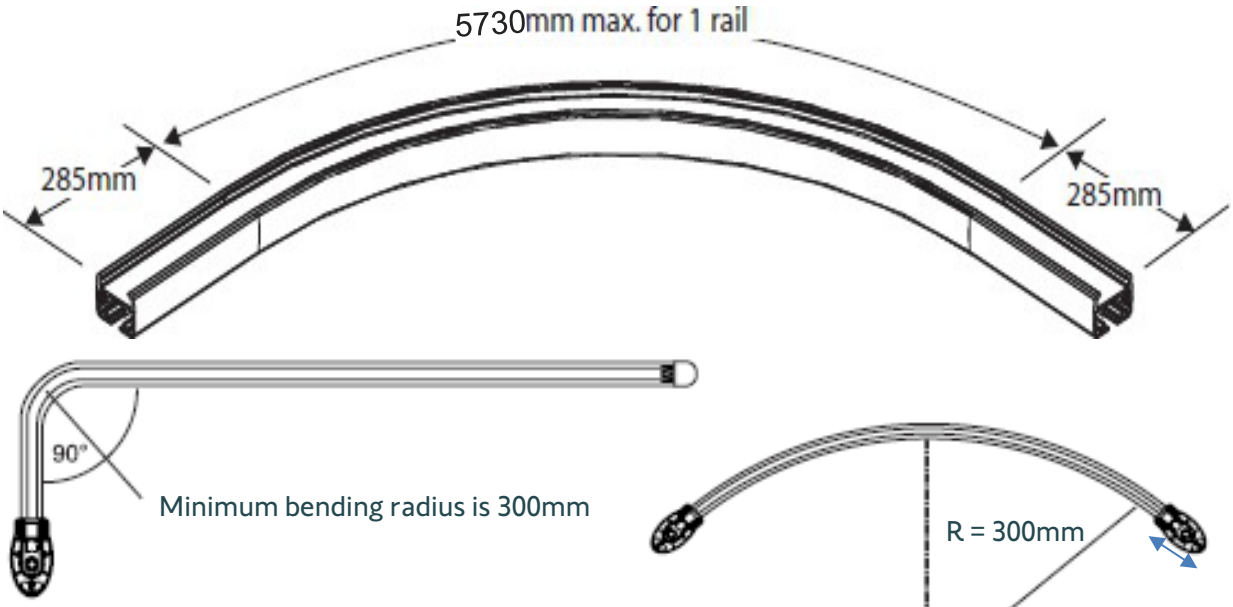
- There are three main factors when considering a motors load capacity.
  1. The track opening
  2. Curtain shape
  3. Track length
- The Somfy Curtain Motor Selection Chart uses the maximum weight of a curtain (in kg). An accurate Somfy curtain motor selection differs between the track configurations and lengths of track.
- When calculating the weight of the curtain track, the fullness ratio of the curtain must be considered.

Weight of the curtain = fabric weight / m^2 x curtain covered area x fullness ratio

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

Bending & Curving

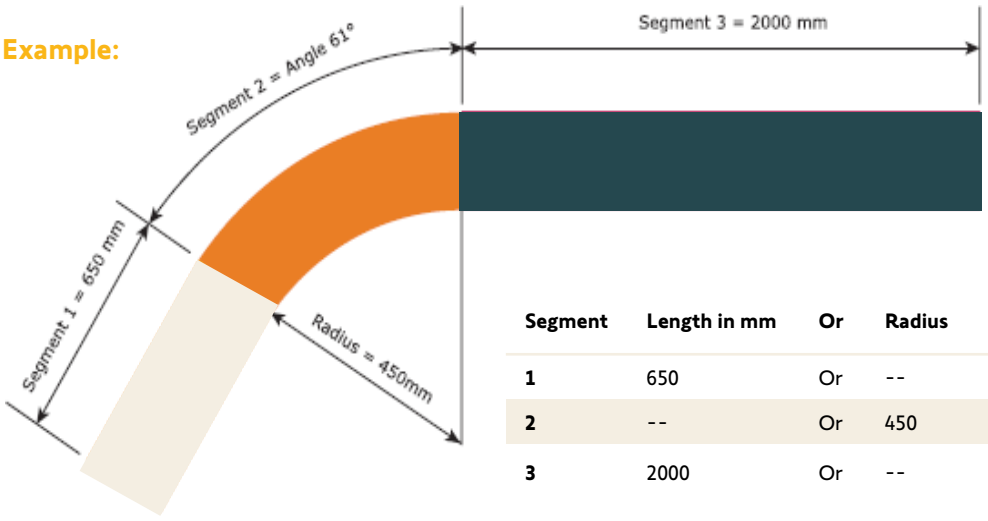
- Tracks with bends are ideal for bay and corner windows.
- The maximum single rail length with a curve is 5730mm (or 11460mm in 2 parts). The minimum bending radius is 300mm.
- Due to the bending process, a minimum 285mm straight side is required on both sides of the curve or arc shape.



Bending Measurement Guide

- A track is broken into straight and curved segments.
- The straight length is measured in mm.
- The curve radius is measured in mm + the angle in degree.

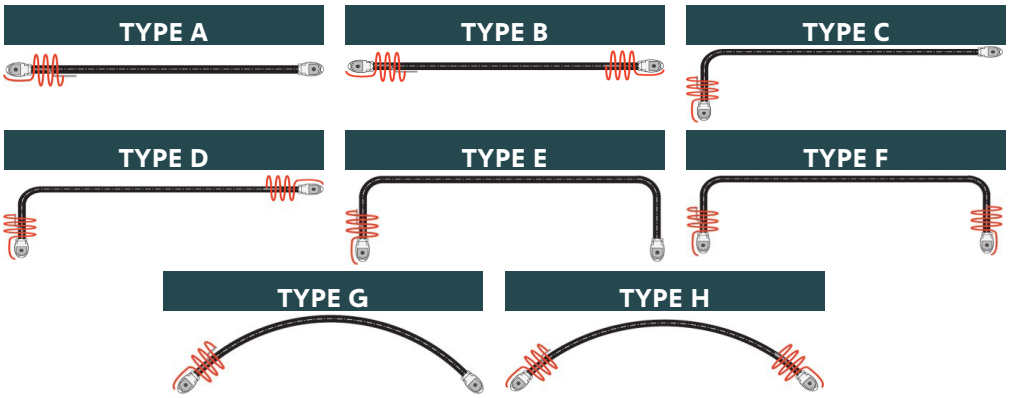
Example:



Segment	Length in mm	Or	Radius	and	Angle in degree
1	650	Or	--	and	--
2	--	Or	450	and	61
3	2000	Or	--	and	--

Segment 1 is always placed on the left-hand side when you are facing the window from the inside.

Track Types



Motor Selection Chart (by track type, by power type)

	Track Type	Motor Range 35			Motor Range 60			Motor Range 60 Tandem		
		3m	6m	10m	6m	10m	12m	6m	10m	12m
AC WIRED	A	35kg	35kg	35kg	60kg	60kg	55kg	100kg	100kg	100kg
	B	35kg	35kg	35kg	60kg	60kg	55kg	100kg	100kg	100kg
	C	35kg	25kg	20kg	45kg	45kg	35kg	100kg	80kg	80kg
	D	35kg	25kg	20kg	45kg	45kg	35kg	100kg	80kg	80kg
	E	15kg	10kg	--	35kg	25kg	--	70kg	70kg	56kg
	F	15kg	10kg	--	35kg	25kg	--	70kg	70kg	56kg
	G	35kg	15kg	--	35kg	Max 8.25m	--	70kg	Max 8.56m	--
	H	30kg	10kg	--	30kg	Max 8.20m	--	70kg	Max 8.56m	--

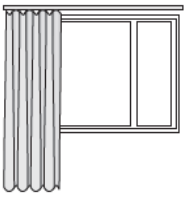
	Track Type	WireFree 35			WireFree 50			
		3m	6m	10m	3m	6m	10m	12m
WIREFREE	A	35kg	35kg	--	45kg	50kg	50kg	45kg
	B	35kg	35kg	--	45kg	50kg	50kg	45kg
	C	35kg	25kg	--	45kg	35kg	35kg	25kg
	D	35kg	25kg	--	545kg	35kg	35kg	25kg
	E	15kg	10kg	--	35kg	25kg	15kg	-
	F	15kg	10kg	--	35kg	25kg	15kg	-
	G	35kg	15kg	--	35kg	25kg	-	-
	H	30kg	10kg	--	30kg	250kg	-	-

CONSIDERATIONS:

- Specifications relate to Glydea Ultra track only.
- Maximum load per runner is 1.5kg. Maximum distance between runners is 100mm.
- Tracks must be installed horizontally.
- Do not use non-Somfy track hardware.
- The traversing capacity is given for an installation with no extra friction created by the fabric curtain touching the rain or the track pelmet.

Track Configurations

RippleFold® One Way Stacked





Required Arms (1)



One Way Overlap Arm Kit
#1782320



Required Arms (2)

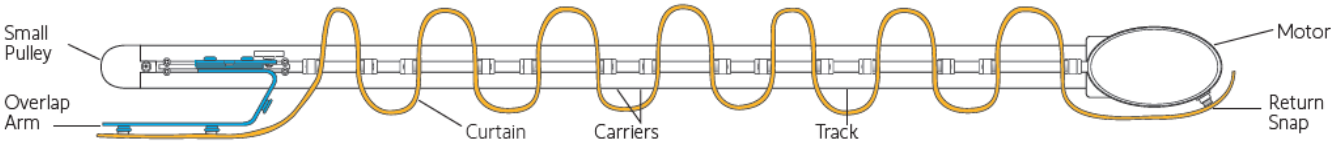


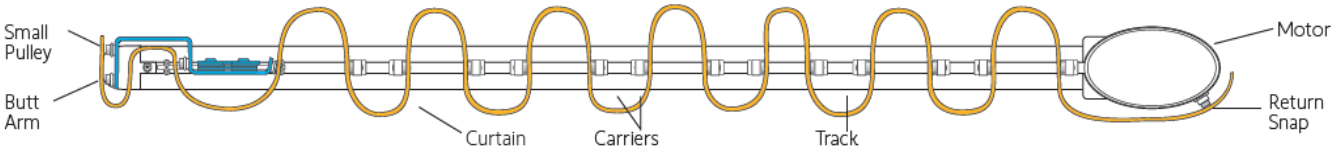
One Way Butt Arm Kit
#1782319

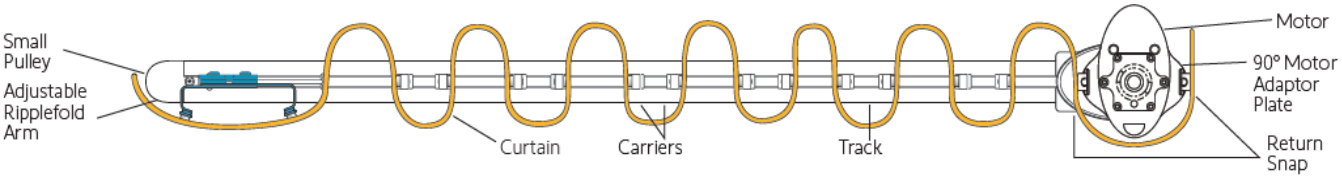


Adjustable Ripplefold
Arm Kit
#9027045

Bottom-up view of track and curtain assembly

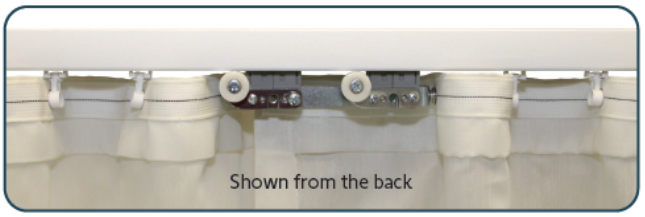






Centre Opening



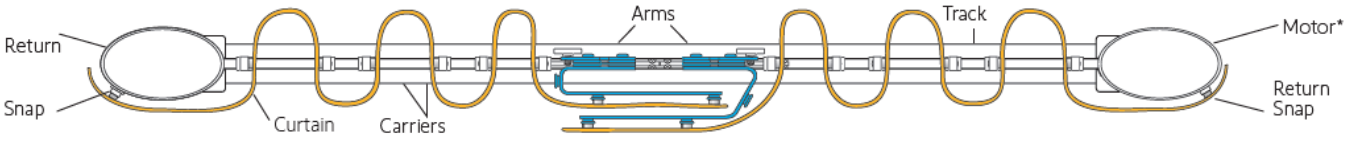


Required Arms (1 each)



Straight Arm Kit - #1782321
&
Overlap Arm Kit - #1782320

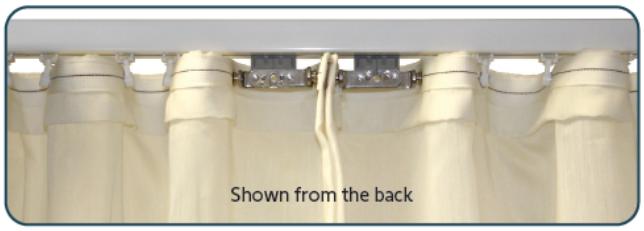
Bottom-up view of track and curtain assembly Pulley



*Motor can be mounted on either side of track.

Centre Opening with RippleFold Butt Arm Kit



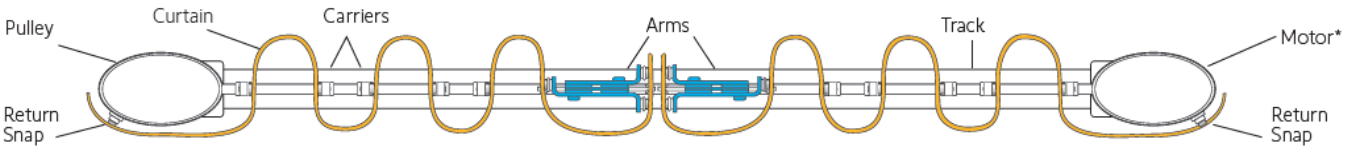


Required Arms (2)



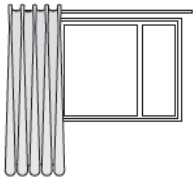
Ripplefold Butt Arm kit - #1780953

Bottom-up view of track and curtain assembly



*Motor can be mounted on either side of track.

Pinch Pleat One Way Stacked



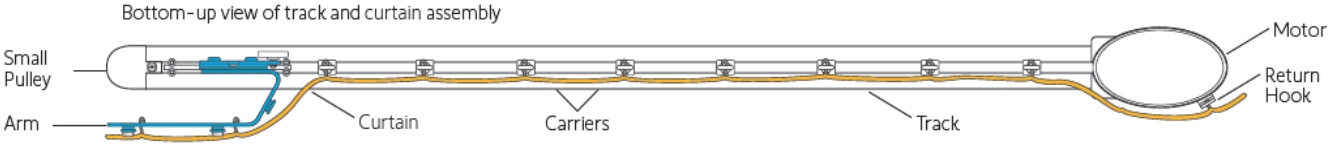


Required Arms (1)

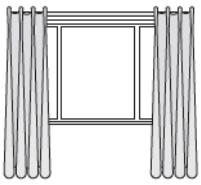
One Way Overlap Arm Kit - #1782320

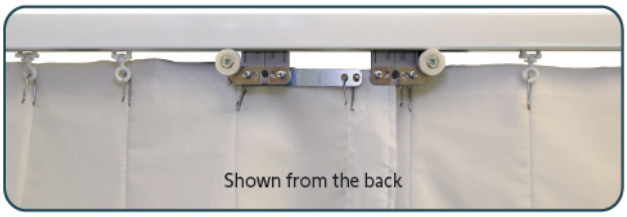


Bottom-up view of track and curtain assembly



Centre Opening





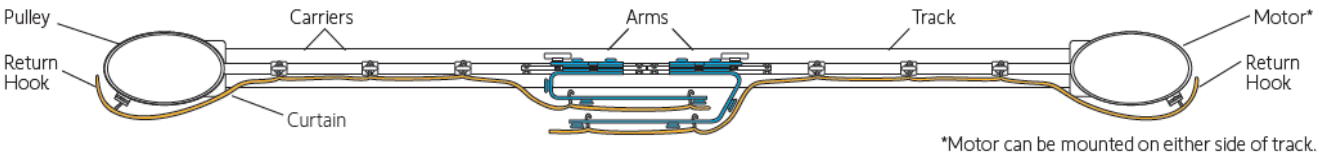
Required Arms (1 each)

Straight Arm Kit - #1782321



Overlap Arm Kit - #1782320

Bottom-up view of track and curtain assembly



*Motor can be mounted on either side of track.

Pinch Pleat and RippleFold® Two One-Way Butted Tracks (tandem alternative)





Required Arms (2)

One Way Butt Arm Kit - #1782319





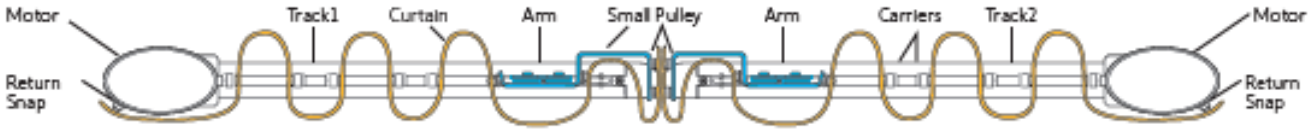
Required Arms (2)

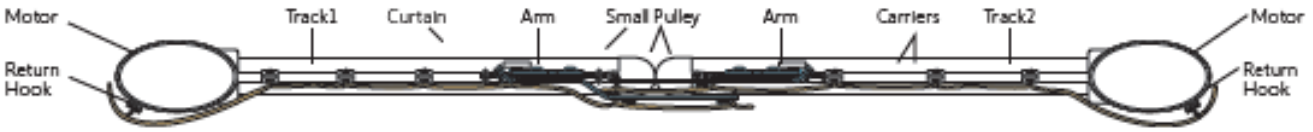
Straight Arm Kit - #1782662



Overlap Arm Kit - #1790947

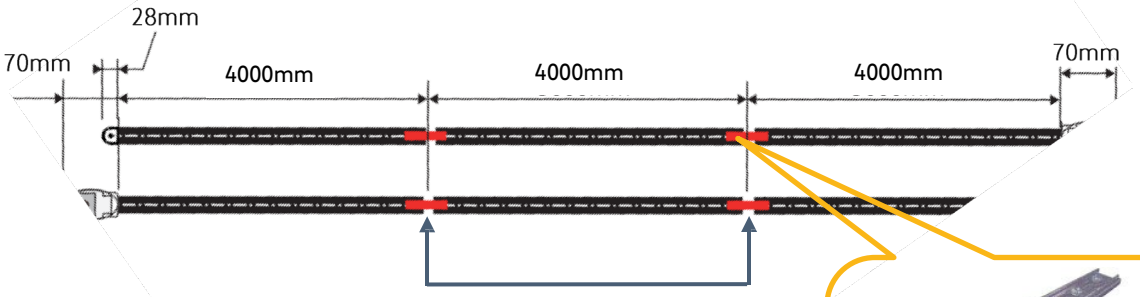
Bottom-up view of track and curtain assembly





Rail Joiners

Somfy recommends 2.4 mounting brackets for every 1 metre of track. A mounting bracket should be placed on either side of any rail joiner.



Junctions: Maximum length = 12m
Maximum number of junctions = 2

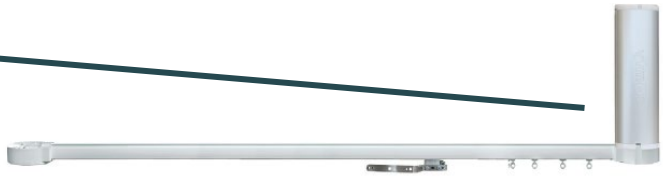


Item Numbers	
Heavy Duty Rail joint	1782316

Top Mounting

- By top mounting a Glydea Ultra (RTS or WT) means the motor is mounted on top of the curtain track. This means the motor sits in the recessed ceiling making the motor appear to be invisible.
- The Top Mounting Kit is not compatible with battery-powered curtain motors or Movelite AC (60 & 35).





To top mount the Glydea curtain motor, a Top Mounting kit [1780908] is required.



Installation considerations:

- Radio reception could be reduced for motors installed into enclosures, especially if the enclosures are metallic.
- Environmental conditions for top mounting installations, including motors installed in enclosures, should not exceed those specified on the datasheet.

Working temperature	0°C to +60°C
Humidity Rate	85% at 35°C

Installation instructions:

1. **Drive Pulley Preparation:**
   a. Unscrew and remove the metal plate from the bottom of the drive housing.
   b. Re-install the plastic plate with the drive pulley screws that were removed.
   c. Install the cover plate supplied with the Top Mounting Kit [1780908].
   d. Turn the drive pulley upside down and install the plastic plate from the top mount kit.
   e. Install the metal plate that was remove from the bottom side.
   f. Secure them with the 3 screws supplied with the kit.

2. **Motor Installation:**
   a. In the top mount configuration, the motor hook needs to be installed in the recess at the back of the drive pulley.

Step 1a – 1c



Step 1d – 1f





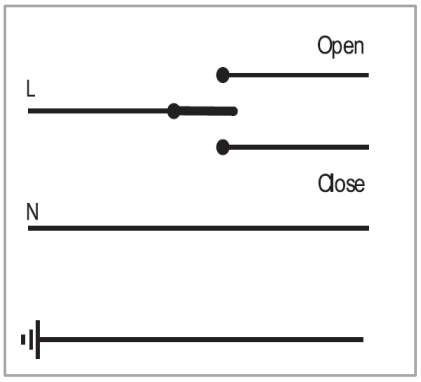
Part 6:

Control Options
& Wiring Diagrams

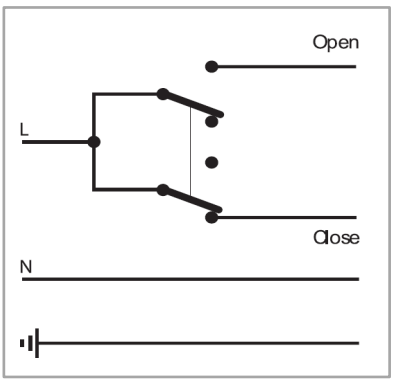
- AC Control with AC Switching
- AC Control with DCT Switching
- RTS controls with AC Switching
- RTS Control with DCT switching
- DCT Control with DCT Switching
- AC & DC Tandem Wiring
- Summary of warnings and considerations

AC Contact Mechanical Switch Types

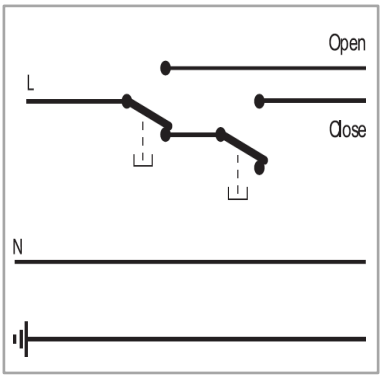
Rocker/Toggle Switch



2 Contact with Safety Locker



2 Safety Push Button

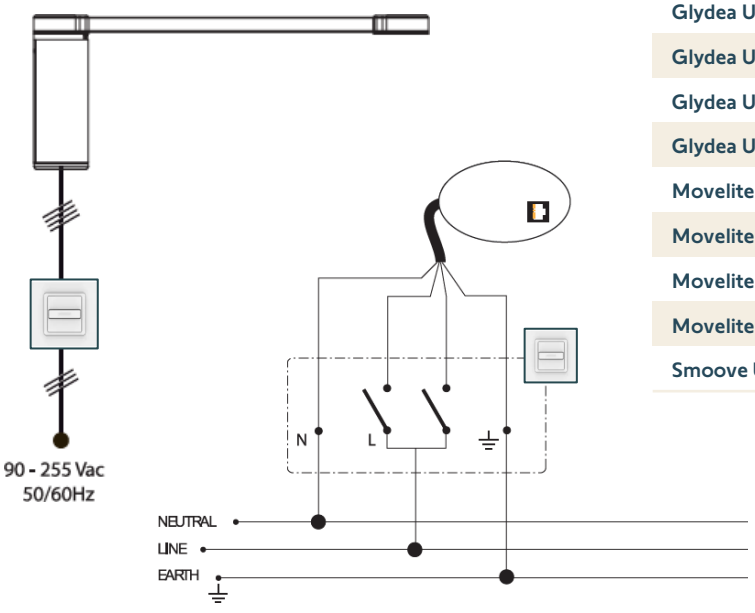


CONSIDERATIONS:

- Use fixed position (maintained) AC switches.
- It is recommended that you contact Somfy technical services before using an electronic switching device(s).

Individual AC Maintained Control with AC Switching Contact

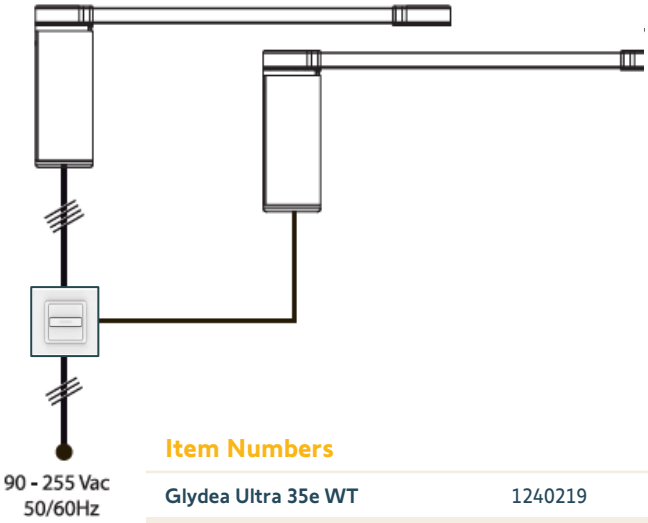
[Suitable for Glydea 35e WT, Glydea 60e WT, Movelite 60 WT, Movelite 35 WT]

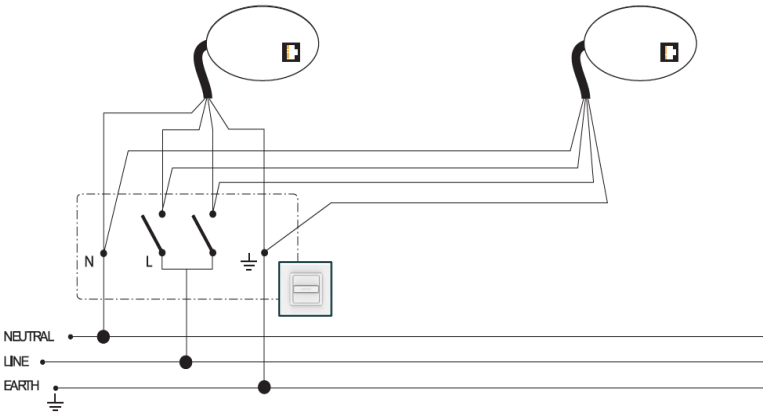


Item Numbers	
Glydea Ultra 35e WT	1240219
Glydea Ultra 35e WT with ILC	1241030
Glydea Ultra 60e WT	1240228
Glydea Ultra 60e WT with ILC	1241033
Movelite 35 WT	1240237
Movelite 35 WT with ILC	1245733
Movelite 60 WT	1246075
Movelite 60 WT with ILC	1247150
Smoove Uno WT Fixed Position	1800508

AC Group Control with AC Switching Contact

[Suitable for Glydea 35e WT, Glydea 60e WT, Movelite 60 WT, Movelite 35 WT]





Item Numbers

Glydea Ultra 35e WT	1240219	Movelite 35 WT	1240237
Glydea Ultra 35e WT with ILC	1241030	Movelite 35 WT with ILC	1245733
Glydea Ultra 60e WT	1240228	Movelite 60 WT	1246075
Glydea Ultra 60e WT with ILC	1241033	Movelite 60 WT with ILC	1247150
Smoove Uno WT Fixed Position	1800508		

CONSIDERATIONS:

- Use fixed position (maintained) AC switches.
- It is recommended that you contact Somfy technical services before using an electronic switching device(s).

AC Control with DC Switching

CONSIDERATIONS:

- Applicable only once a Glydea 35e/60e WT or Movelite 35/60 WT has been converted to DCT [refer to page 18 for instructions to convert WT to DCT].

Animeo IB+: Motor Controller IB+4AC

For the individual control of 4 x 240V AC motors via local push buttons, or in group with IB+ controlling technology.

Item Numbers

Glydea Ultra 35e WT	1240219	Movelite 35 WT	1240237
Glydea Ultra 35e WT with ILC	1241030	Movelite 35 WT with ILC	1245733
Glydea Ultra 60e WT	1240228	Movelite 60 WT	1246075
Glydea Ultra 60e WT with ILC	1241033	Movelite 60 WT with ILC	1247150
4AC Motor Controller Wall Mount	1860049		

Animeo KNX: Motor Controller KNX 4AC

For the individual control of 4 x 240V AC motors via local push buttons, or in group with KNX controlling technology.

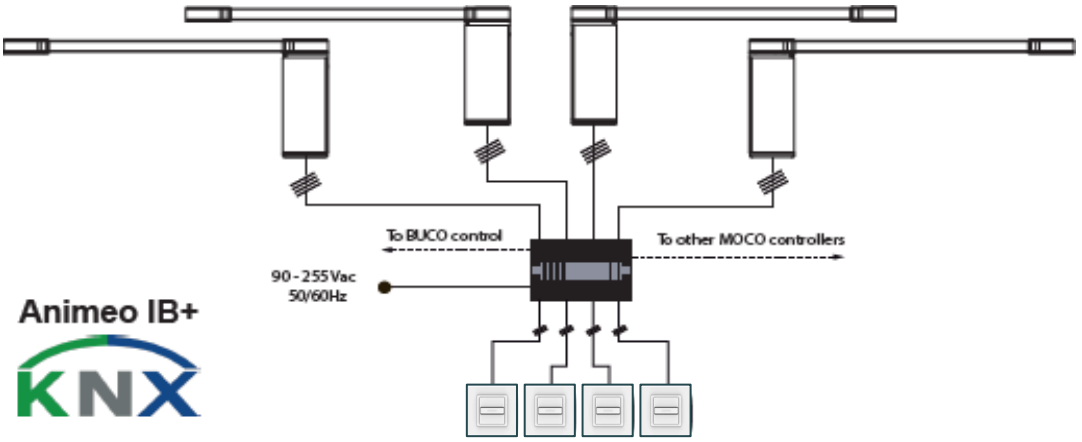
Item Numbers

Glydea Ultra 35e WT	1240219	Movelite 35 WT	1240237
Glydea Ultra 35e WT with ILC	1241030	Movelite 35 WT with ILC	1245733
Glydea Ultra 60e WT	1240228	Movelite 60 WT	1246075
Glydea Ultra 60e WT with ILC	1241033	Movelite 60 WT with ILC	1247150
KNX 4AC Motor Controller Wall Mount	1860114		

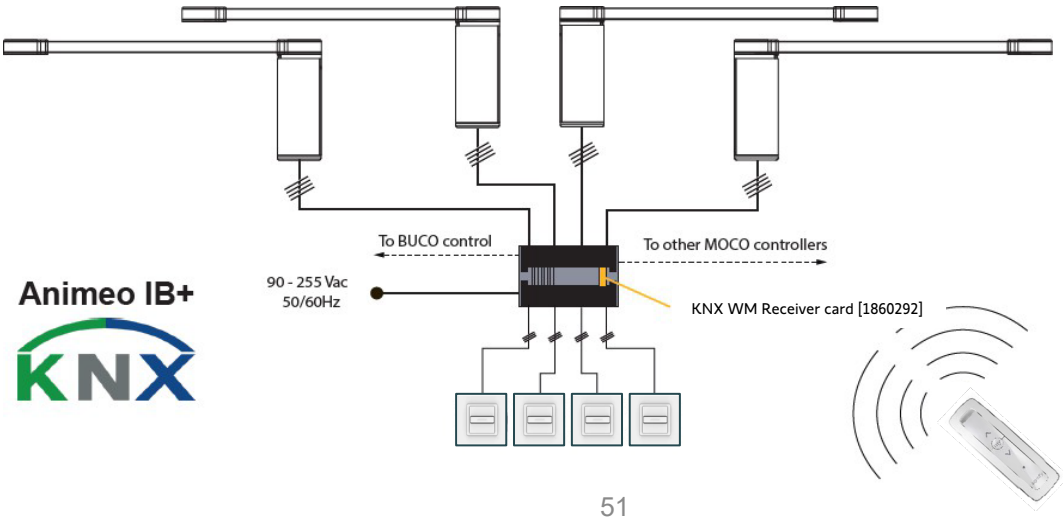
CONSIDERATIONS:

- It is recommended that you contact Somfy technical services before using an electronic switching device(s).

Animeo Group Control with BUCO, MOCO & DCT Individual Control:



Animeo Group Control with BUCO, MOCO, KNX WM Receiver Card & DCT Individual Control:



Number of DCT Actuators & Length of Control Line Limitations

Wire Cross Section	Maximum Length of Cable	Maximum Number of Motors
Modular cable AWG 24	100m	10
0.75mm2	200m	20

CONSIDERATIONS:

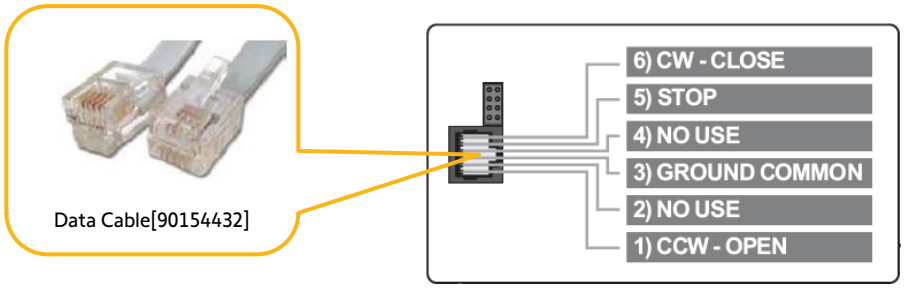
- Applicable only once a Glydea 35e/60e WT or Movelite 35/60 WT has been converted to DCT [refer to page 18 for instructions to convert WT to DCT].
- It is recommended that you contact Somfy technical services before using an electronic switching device(s).

DCT Control with DCT Switching Types:

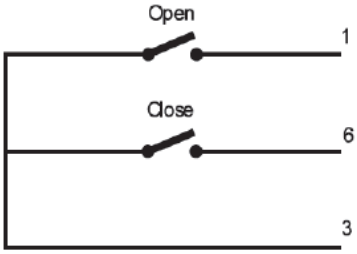
CONSIDERATIONS:

- DCT Setting Tool [9014599] is required to complete control settings (i.e.: set limits, control and reset).
- The data cable is sold separately [9015443].

RJ12 Socket Pin Out

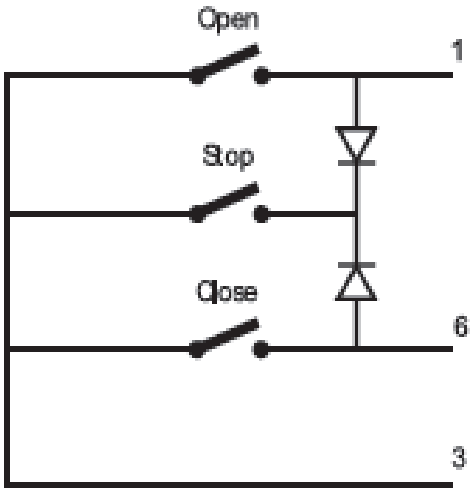


Two Normally Open Dry Contacts





Two Normally Open Dry Contacts with Stop in Parallel

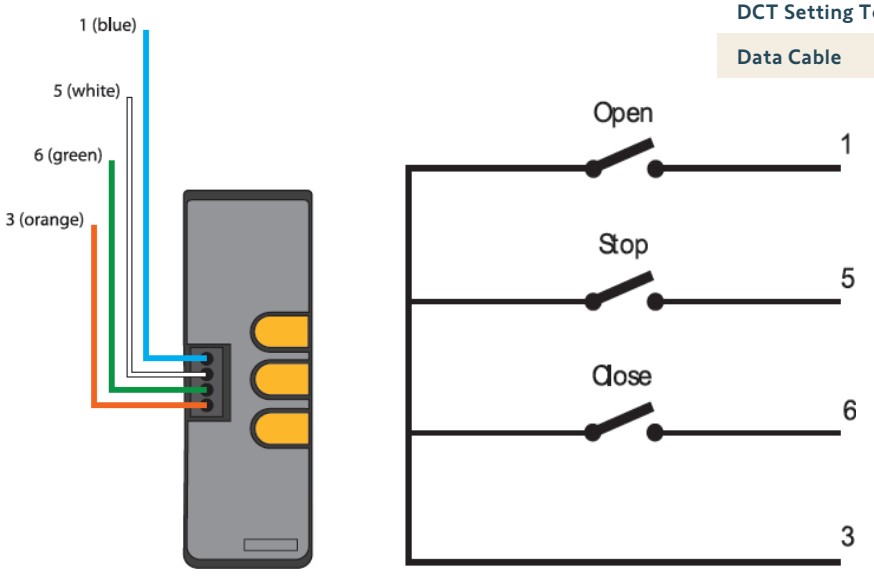


Number of DCT Actuators & Length of Control Line Limitations	
Smoove Origin IB	1811272
Smoove Pure Frame	9015022



Three Normally Open Dry Contacts

Number of DCT Actuators & Length of Control Line Limitations	
DCT Setting Tool	9014599
Data Cable	9015443



CONSIDERATIONS:

- Applicable only once a Glydea 35e/60e WT or Movelite 35/60 WT has been converted to DCT [refer to page 18 for instructions to convert WT to DCT].
- It is recommended that you contact Somfy technical services before using an electronic switching device(s).

DCT Control with DCT Switching – Wiring Diagrams

CONSIDERATIONS:

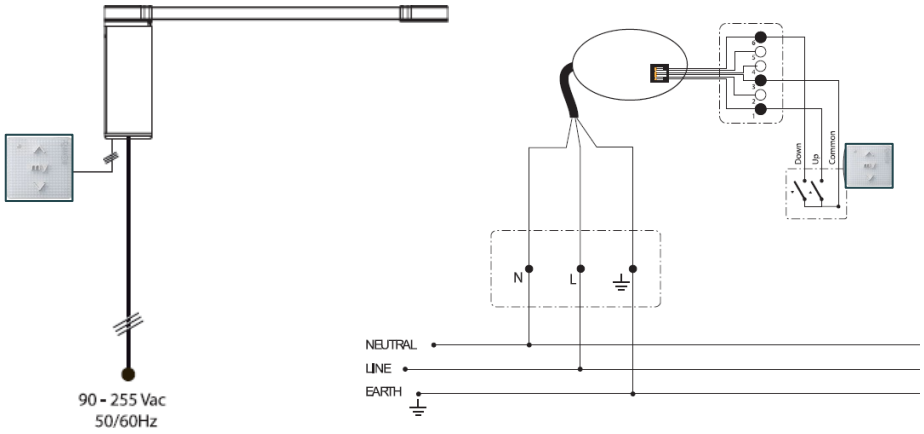
- Somfy recommends all 240V motors have an Australian certified and compliant 3-pin plug added to the motor open cables to allow safe termination of 240V power.

Item Numbers

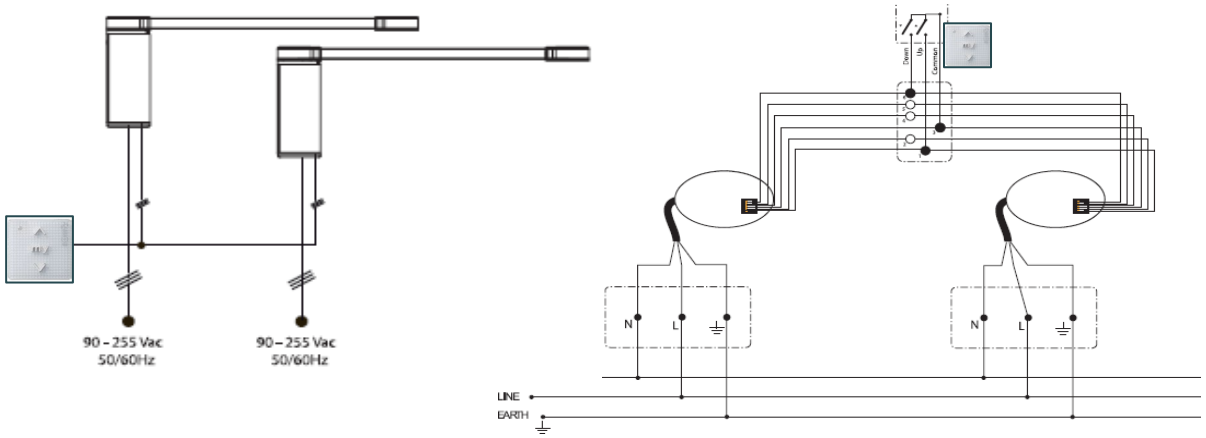
Glydea Ultra 35e WT	1240219	Movelite 35 WT	1240237
Glydea Ultra 35e WT with ILC	1241030	Movelite 35 WT with ILC	1245733
Glydea Ultra 60e WT	1240228	Movelite 60 WT	1246075
Glydea Ultra 60e WT with ILC	1241033	Movelite 60 WT with ILC	1247150
Smoove Origin IB	1811272	DCT Setting Tool	9014599
Smoove Pure Frame	9015022	Data Cable	9015443



DCT Individual Control with Somfy Switch



DCT Group Control with Somfy Switch



Number of DCT Actuators & Length of Control Line Limitations

Wire Cross Section	Maximum Length of Cable	Maximum Number of Motors
Modular cable AWG 24	100m	10
0.75mm2	200m	20

RTS Control – Wiring Diagrams

CONSIDERATIONS:

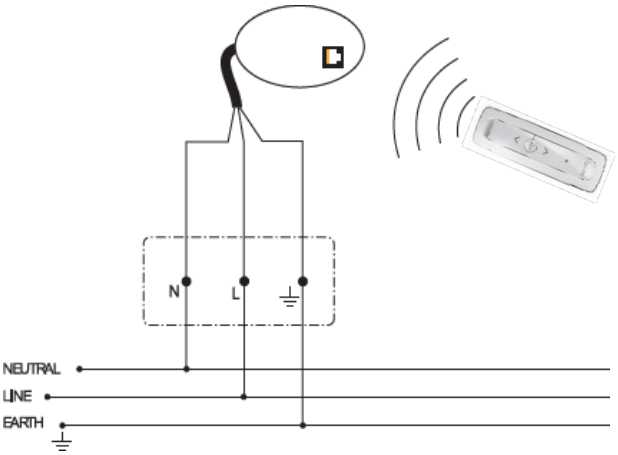
- Somfy recommends all 240V motors have an Australian certified and compliant 3-pin plug added to the motor open cables to allow safe termination of 240V power.

Item Numbers			
Glydea Ultra 35e RTS	1240219	**Movelite 35 RTS**	1240237
Glydea Ultra 35e RTS with ILC	1241030	**Movelite 35 RTS with ILC**	1245733
Glydea Ultra 60e RTS	1240228	**Movelite 60 RTS**	1246075
Glydea Ultra 60e RTS with ILC	1241033	**Movelite 60 RTS with ILC**	1247150

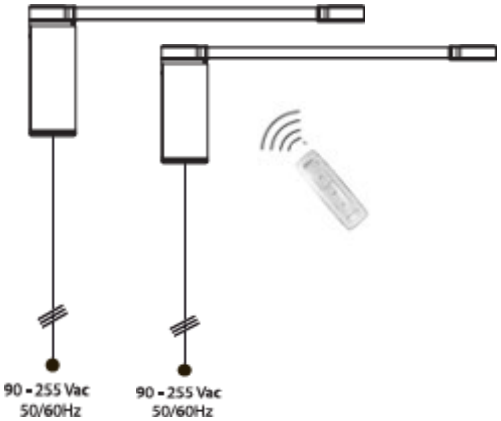
Smoove 1, 2 & 4 RTS II controls*
Situo 1, 2 & 5 Channel Controls*

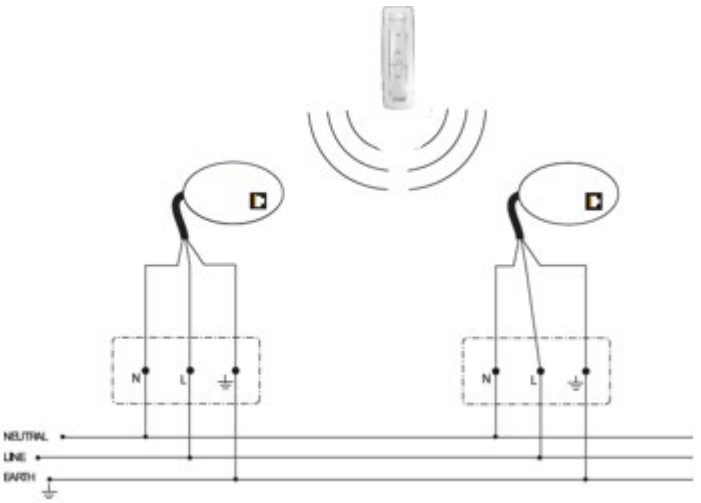
RTS Individual Control





RTS Group Control





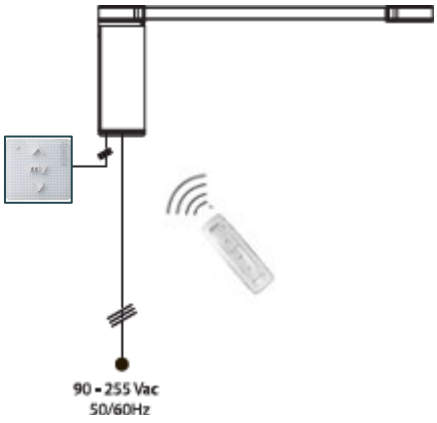
* Refer to RRP Price List for reference numbers

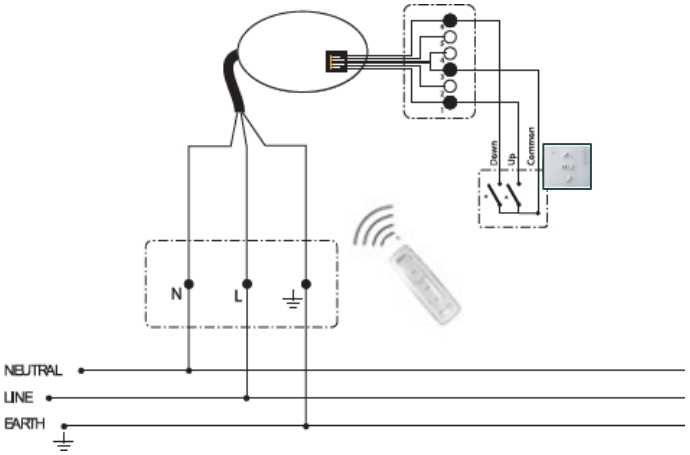
RTS Control with DCT Switching– Wiring Diagrams

CONSIDERATIONS:

- Somfy recommends all 240V motors have an Australian certified and compliant 3-pin plug added to the motor open cables to allow safe termination of 240V power.

RTS Individual Control + DCT Individual Control





Item Numbers

Glydea Ultra 35e RTS	1240219	**Movelite 35 RTS**	1240237
Glydea Ultra 35e RTS with ILC	1241030	**Movelite 35 RTS with ILC**	1245733
Glydea Ultra 60e RTS	1240228	**Movelite 60 RTS**	1246075
Glydea Ultra 60e RTS with ILC	1241033	**Movelite 60 RTS with ILC**	1247150

Smoove 1, 2 & 4 RTS II controls*
Situo 1, 2 & 5 Channel Controls*

Number of DCT Actuators & Length of Control Line Limitations

Wire Cross Section	Maximum Length of Cable	Maximum Number of Motors
Modular cable AWG 24	100m	10
0.75mm2	200m	20

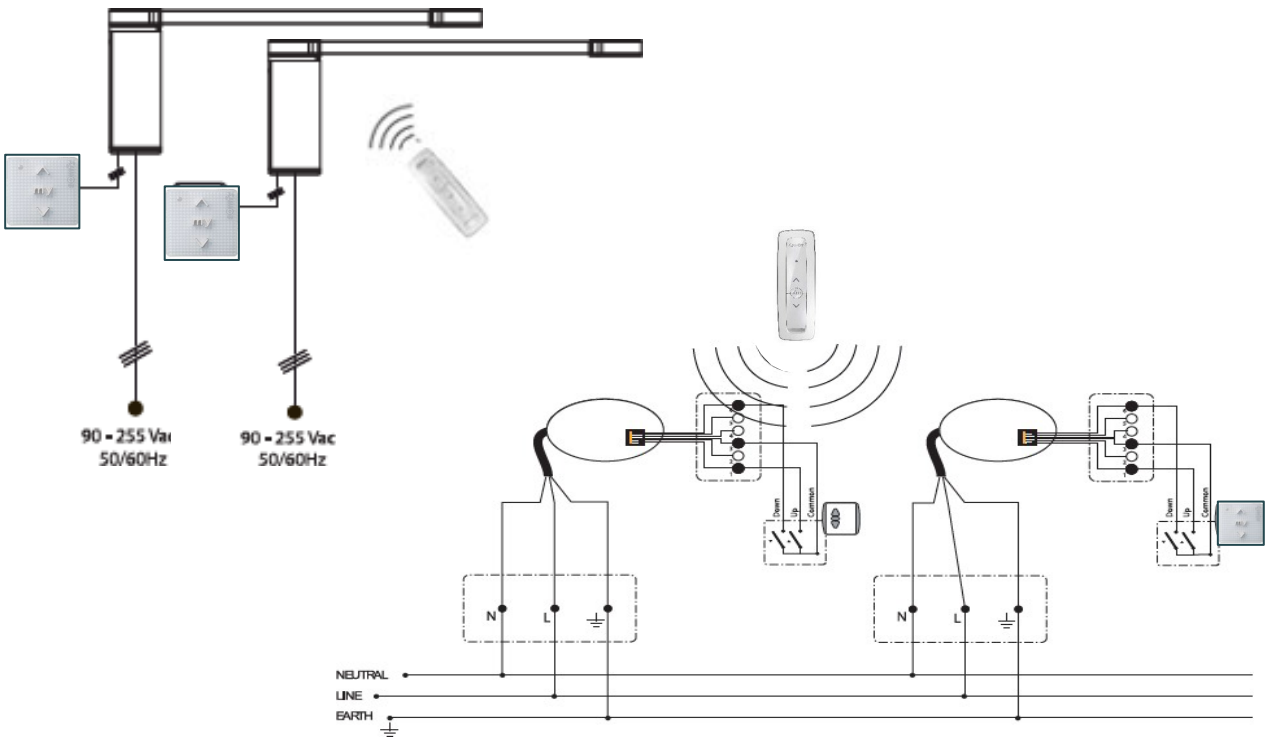
* Refer to RRP Price List for reference numbers

RTS Control with DCT Switching– Wiring Diagrams

CONSIDERATIONS:

- Somfy recommends all 240V motors have an Australian certified and compliant 3-pin plug added to the motor open cables to allow safe termination of 240V power.

RTS Group Control + DCT Individual Control



Item Numbers

Glydea Ultra 35e WT	1240219	Movelite 35 WT	1240237
Glydea Ultra 35e WT with ILC	1241030	Movelite 35 WT with ILC	1245733
Glydea Ultra 60e WT	1240228	Movelite 60 WT	1246075
Glydea Ultra 60e WT with ILC	1241033	Movelite 60 WT with ILC	1247150
Smoove Origin IB	1811272	DCT Setting Tool	9014599
Smoove Pure Frame	9015022	Data Cable	9015443



Smoove 1, 2 & 4 RTS II controls*
Situo 1, 2 & 5 Channel Controls*

Number of DCT Actuators & Length of Control Line Limitations

Wire Cross Section	Maximum Length of Cable	Maximum Number of Motors
Modular cable AWG 24	100m	10
0.75mm2	200m	20

* Refer to RRP Price List for reference numbers

Glydea Tandem Wiring– Wiring Diagrams

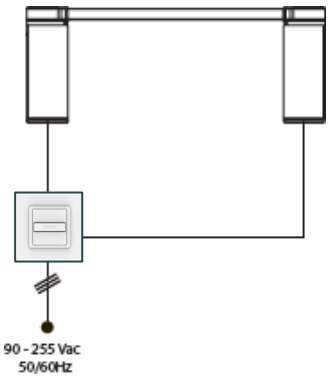
CONSIDERATIONS:

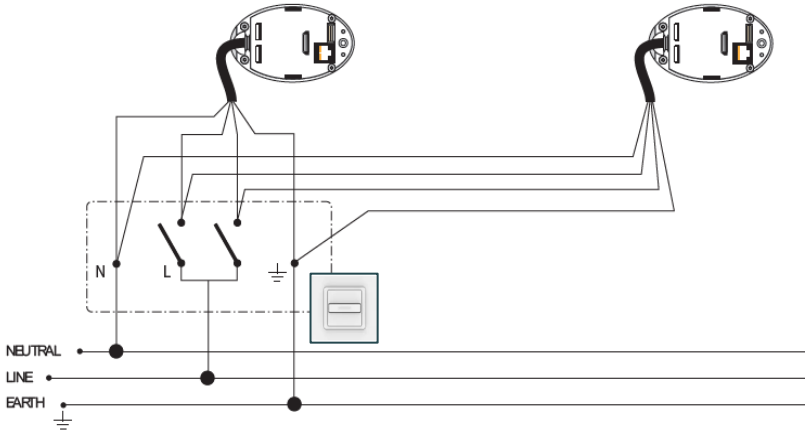
- Somfy recommends all 240V motors have an Australian certified and compliant 3-pin plug added to the motor open cables to allow safe termination of 240V power.
- Use fixed position (Maintained) AC Switches.
- It is recommended that you contact Somfy Technical services before using an electronic switch device(s).

Item Numbers

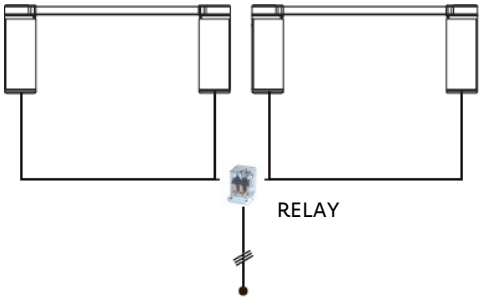
Glydea Ultra 35e WT	1240219	Movelite 35 WT	1240237
Glydea Ultra 35e WT with ILC	1241030	Movelite 35 WT with ILC	1245733
Glydea Ultra 60e WT	1240228	Movelite 60 WT	1246075
Glydea Ultra 60e WT with ILC	1241033	Movelite 60 WT with ILC	1247150
Smoove Uno WT Fixed Position	1800508		

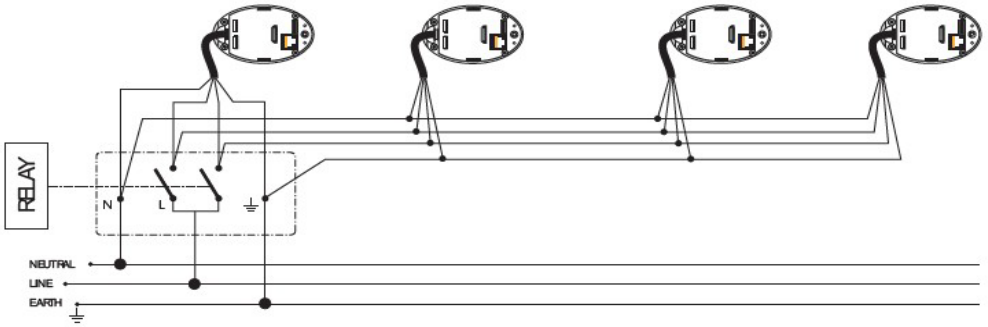
Individual AC Maintained Control with AC Switching Contact





Group AC Control with AC Relay





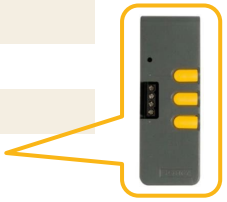
Glydea Tandem Wiring– Wiring Diagrams

CONSIDERATIONS:

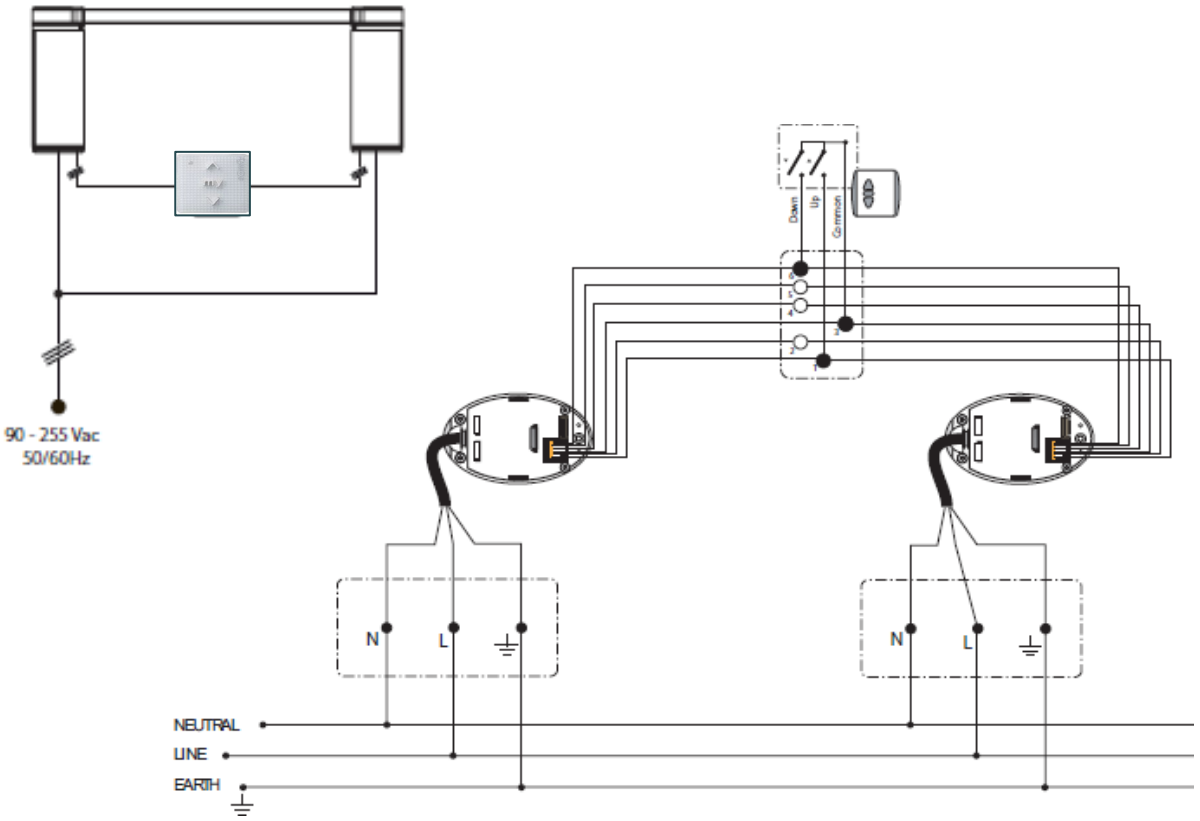
- Somfy recommends all 240V motors have an Australian certified and compliant 3-pin plug added to the motor open cables to allow safe termination of 240V power.
- Applicable only once a Glydea 35e/60e WT or Movelite 35/60 has been converted to DCT [refer to page 18 for instructions to convert WT to DCT].

Item Numbers

Glydea Ultra 35e WT	1240219	Movelite 35 WT	1240237
Glydea Ultra 35e WT with ILC	1241030	Movelite 35 WT with ILC	1245733
Glydea Ultra 60e WT	1240228	Movelite 60 WT	1246075
Glydea Ultra 60e WT with ILC	1241033	Movelite 60 WT with ILC	1247150
Smoove Origin IB	1811272	DCT Setting Tool	9014599
Smoove Pure Frame	9015022	Data Cable	9015443



DCT Individual Control with AC Somfy Switch



Number of DCT Actuators & Length of Control Line Limitations

Wire Cross Section	Maximum Length of Cable	Maximum Number of Motors
Modular cable AWG 24	100m	10
0.75mm2	200m	20

Glydea Tandem Wiring– Wiring Diagrams

CONSIDERATIONS:

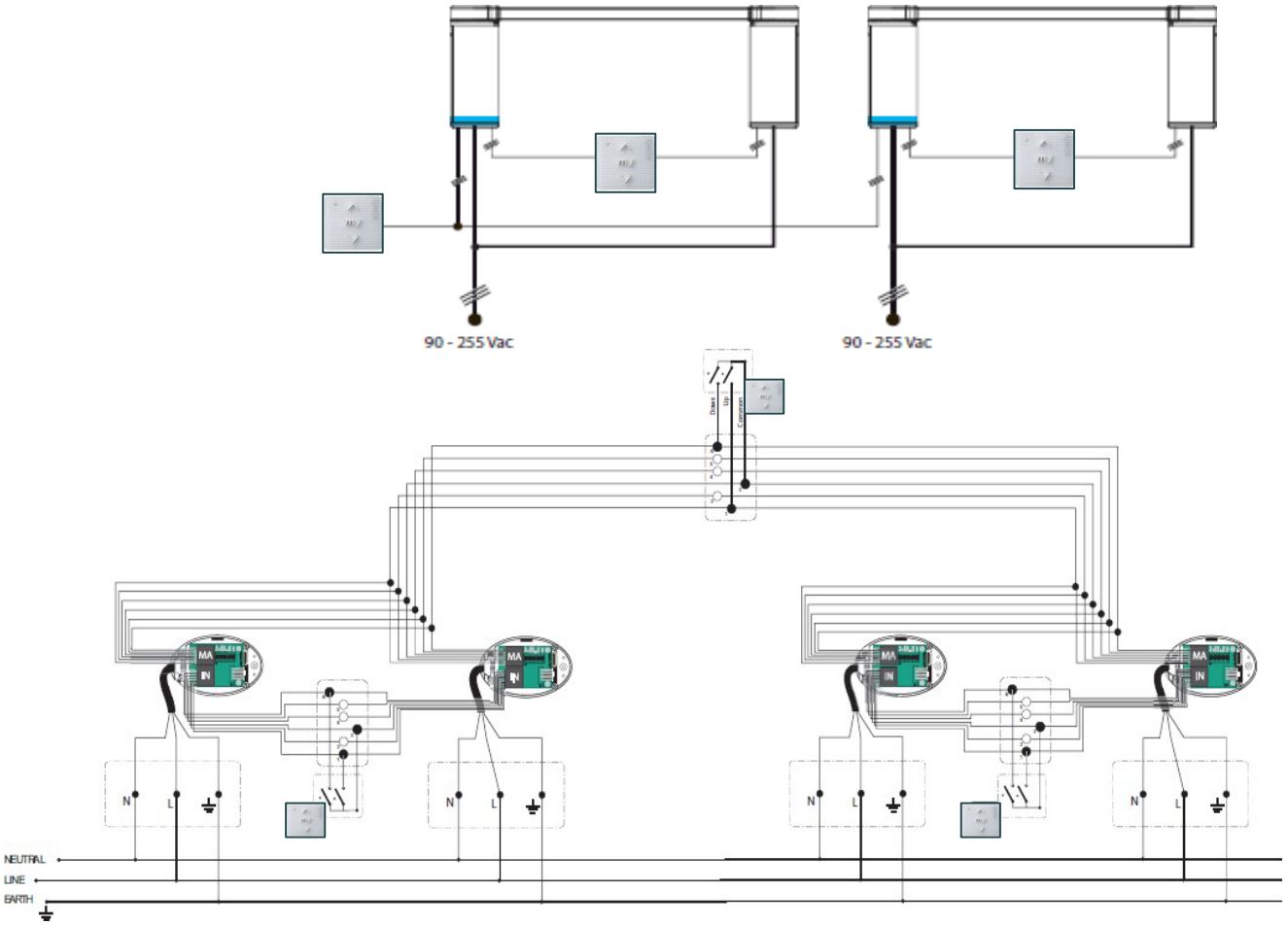
- Somfy recommends all 240V motors have an Australian certified and compliant 3-pin plug added to the motor open cables to allow safe termination of 240V power.
- Applicable only once a Glydea 35e/60e WT or Movelite 35/60 has been converted to DCT [refer to page 18 for instructions to convert WT to DCT].

Item Numbers

Glydea Ultra 35e WT	1240219	Movelite 35 WT	1240237
Glydea Ultra 35e WT with ILC	1241030	Movelite 35 WT with ILC	1245733
Glydea Ultra 60e WT	1240228	Movelite 60 WT	1246075
Glydea Ultra 60e WT with ILC	1241033	Movelite 60 WT with ILC	1247150
Smoove Origin IB	1811272	DCT Setting Tool	9014599
Smoove Pure Frame	9015022	Data Cable	9015443



DCT Group Control + DCT Individual Control with Somfy Switches



Number of DCT Actuators & Length of Control Line Limitations

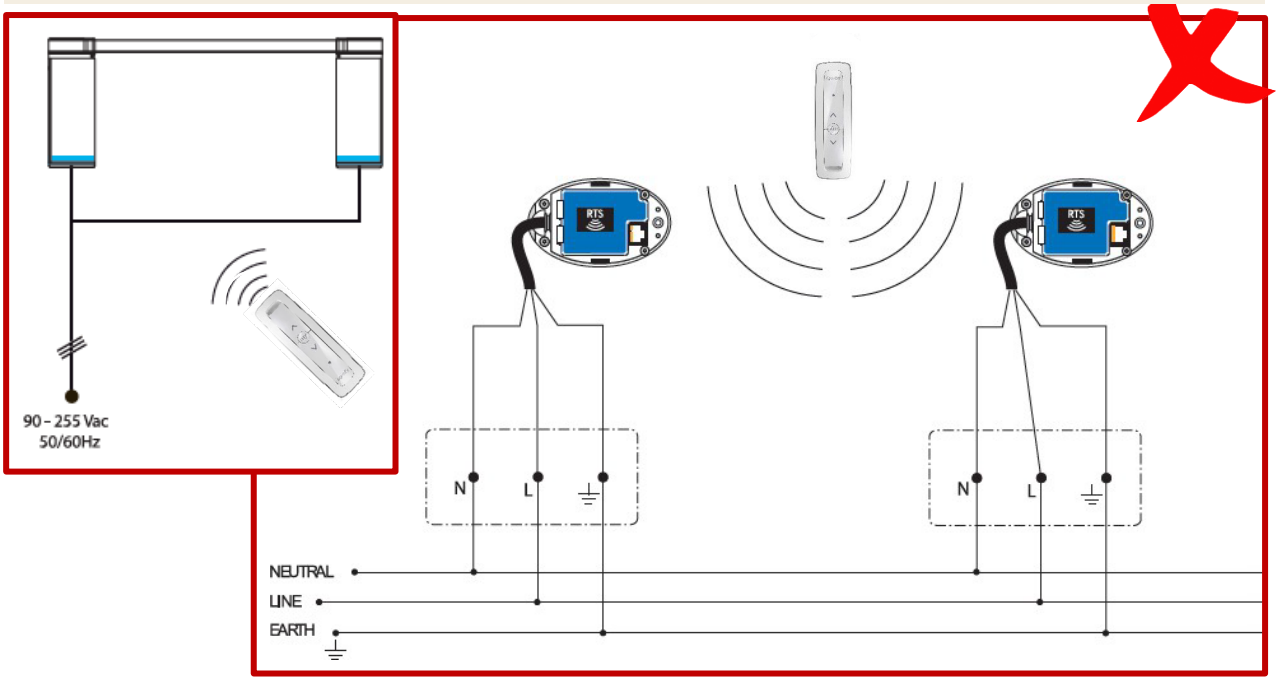
Wire Cross Section	Maximum Length of Cable	Maximum Number of Motors
Modular cable AWG 24	100m	10
0.75mm2	200m	20

Prohibited Wiring Configurations

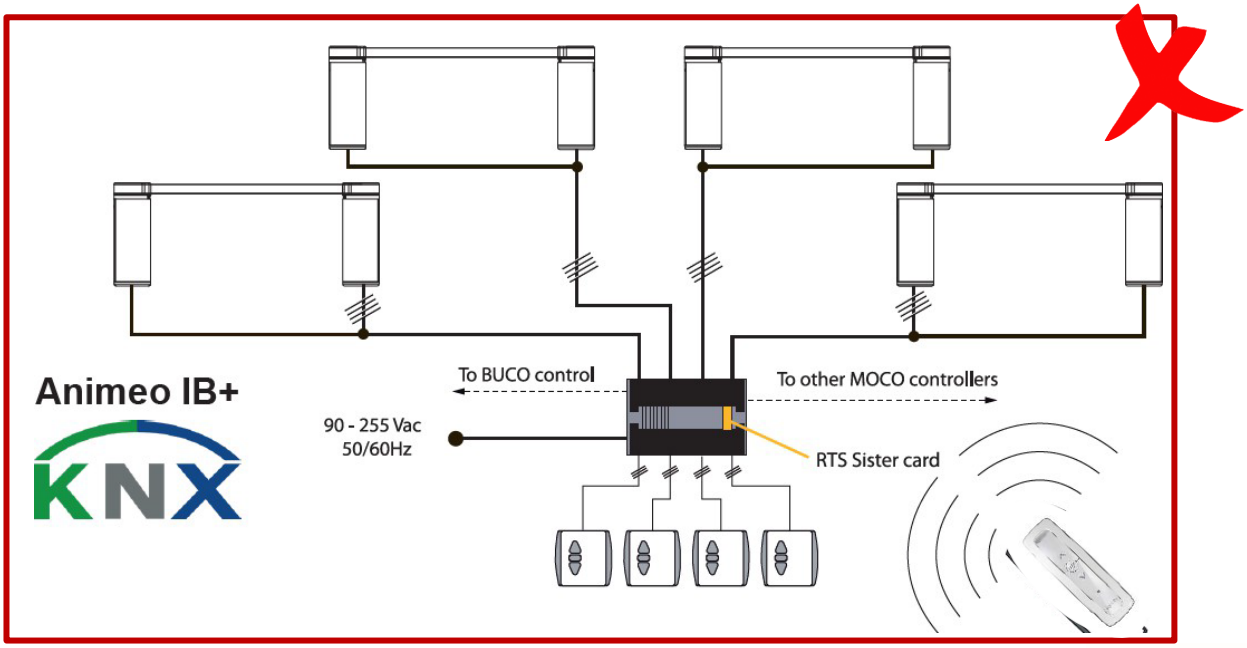
The below configurations **are prohibited** by Somfy Group:

- RTS Individual Control with Embedded Receiver (Tandem Operation)
- Glydea Ultra with Zigbee Module (Tandem Operation)
- Animeo Group Control BuCo, MoCo & DCT Individual Control

RTS Individual Control with Embedded Receiver (Tandem Operation)



Animeo Group Control BuCo, MoCo & DCT Individual Control



Summary of Warnings and Considerations



- Somfy recommends all 240V motors have an Australian certified and compliant 3-pin plug added to the motor open cables to allow safe termination of 240V power.
- DCT wiring and installation is only applicable once a Glydea 35e/60e WT or Movelite 35/60 has been converted to DCT [refer to page 18 for instructions to convert WT to DCT].
- The below configurations are prohibited and not recommended by Somfy Group:
  - Glydea and Movelite RTS is strictly prohibited on tandem applications
  - RTS Individual Control with Embedded Receiver (Tandem Operation)
  - Animeo Group Control BuCo, MoCo & DCT individual control
- Grease is **not** required with a Somfy high performance black belt [1782084].
- Use fixed position (maintained) AC Switches [WT motors].
- It is recommended that you contact Somfy Technical Services before using an electronic switch device(s).
- The motor needs to be powered down before installing optional modules.
- The compatible RTS receivers are the Universal Slim Receiver RTS – Cable [1810783] and the Universal Slim Receiver RTS – Hirschmann Plug [1810784].
- Once the conversion to DCT is complete, a DCT setting tool (Ref # 9014599) is required to complete the control settings (i.e..: set Limits, control and reset). Data cable sold separately [9015443].

somfy®

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

Somfy Pty Limited Australia

Toll Free 1800 076 639
t: 02 8845 7200
e: somfy.au@somfy.com
somfy.com.au

New Zealand

Toll Free 0800 276 639
e: somfy.nz@somfy.com
somfy.co.nz

Find us on Facebook
Follow us on Instagram
Follow us on Pinterest
Follow us on YouTube