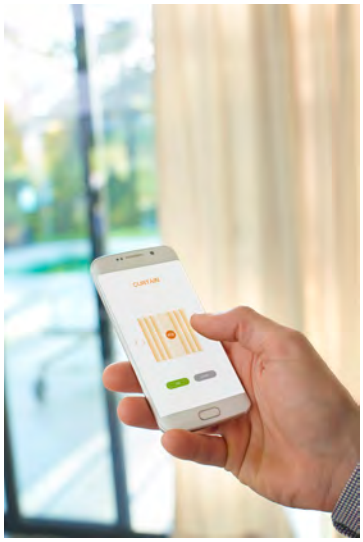
CATALOGUE

2021

Curtain

DATABOOK



somfy®

SUMMARY

Part 1
Actuator, Track, Accessories & Optional Module

Part 2
Application Perimeter

Part 3
Control Options & Wiring

Part 4
Istallation & Setting Instruction

Part 5
Warning Sum Up!

Part 6
Part List

SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

Part 1

Actuator, Track, Accessories & Optional Module

- Glydea® Ultra technical characteristics.
- Irismo 45 WireFree RTS technical characteristics
- Actuator technical characteristics.
- Track length dimensions.
- Accessories dimensions.
- Glydea® Ultra optional modules technical characteristics.

SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

1. Glydea® Ultra 35e technical characteristics.

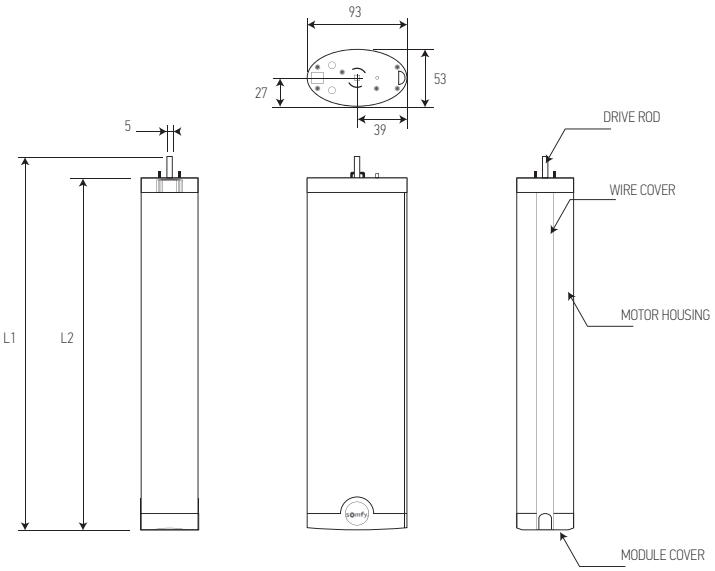
		Range	Glydea Ultra 35e		
		Technology	DCT	WT	RTS
Motor mechanical characteristics	Nominal torque	Nm	0.6		
	Maximum stall torque	Nm	0.7		
	No load speed	rpm	140 / 122.5 / 105 (factory default)/ 87.5 / 52.5 (silent mode)[1]		
	Nominal speed	rpm	105 [2]		
	Working temperature	°C(°F)	0°C to +60°C 85%HR at +35°C (+32°F to +140°F 85%HR at +95°F)		
	Storage temperature	°C(°F)	-30°C to +80°C 85%HR at +35°C (-22°F to +176°F 85%HR at +95°F)		
	Manual operation		YES		
	Type of limit		Adjustable limits	Limits on hard stops	Adjustable limits
	Limit Switch accuracy	mm	±10		
	Protextion index	IP	30		
	Soft stop		YES	NO	YES
	Soft start		YES		
	Noise level (Power) [3]	dB(A)	45.2 / 43.4 / 37.3 / 39.7 / 29.8		
	Noise level (Pressure) [3]	dB(A)	38.35 / 36.23 / 33.98 / 30.45 / 25.42		
	Approx. Net weight of the motor	g	1320	1340	1320
Electrical characteristics	Voltage range	Vac	90 to 255		
	Frequency range	Hz	47 to 63		
	Maximum current	A	0.8 at 120 Vac / 0.4 at 240 Vac		
	Stand by power	W	< 1 W		
	Power cable type		H05 WF		
	Power cable number of wire		3	4	3
	Power cable wire section (Ø)	mm²	0,75		
	Control connector		RJ12	RJ12 set up only	RJ12
	Control method [4]		2 NO or 3 NO dry contacts	AC switch [4]	2 NO or 3 NO dry contacts
	Dry contact minimum closure time	ms	150	NA	150
	Voltage in control line	V	3,3		
	Maximum voltage drop in DCT control line	V	1	NA	1
	Insullation class		Class I		
	Maximum running time [5]		2min 30s		
Radio characteristics	Radio standards		NA		EN 301489-3 EN 300 220-3 EN 60 730-1
	Radio protocol		NA		Somfy RTS protocol U80
	Radio frequency	MHz	NA		433.42 ±0.1 / 426 ±0.001 / 447 ±0.001
	Receiver sensitivity	dBm	NA		-106 / -108
	Modulation type		NA		ASK type A1 (amplitude modulation) / GSFK
	Radio range	m	NA		200 m in free field
	Antenna		NA		Integrated
	Rolling code		NA		16 million codes
	number of RTS transmitter		NA		12 maximum
Standards & Patents	Certifications		MIC: CE / cTUVus / RCM / SASO / KC / SCT / EAC MIF: CE / CCC		
	Patents		Patents pending		

[1] Value given at different speed regulation settings:20 cm/s, 17.5 cm/s, 15 cm/s, 12.5 cm/s.
[2] Maximum speed at nominal torque.
[3] Indicative and according to SOMFY measurement standards.
[4] Requires mechanical relay type of controller, for other types please contact SOMFY. Maximum power cord length should be less than 50 m.
[5] Repeatedly operating the motor for extended periods may trigger thermal protection.

SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

1. Glydea® Ultra 35e technical characteristics.

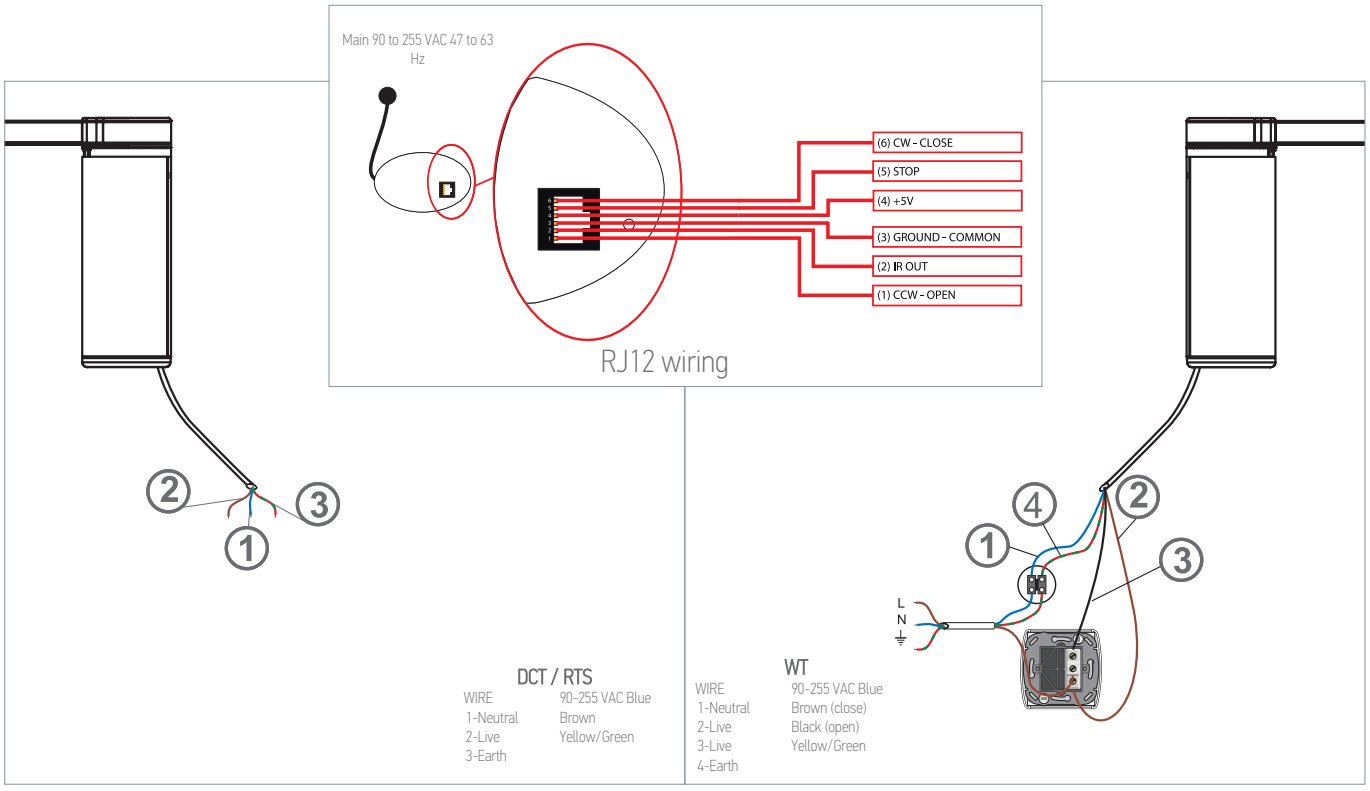
Glydea® Ultra 35e interface drawing



Glydea® Ultra 35e /60e

L1 = 348 mm
L2= 328 mm

Glydea® Ultra 35e wiring diagram



SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

1. Glydea® Ultra 60e technical characteristics.

		Range	Glydea Ultra 60e		
		Technology	DCT	WT	RTS
Motor mechanical characteristics	Nominal torque	Nm	1		
	Maximum stall torque	Nm	1,1		
	No load speed	rpm	140 / 122.5 / 105 (factory default)/ 87.5 / 52.5 (silent mode) [1]		
	Nominal speed	rpm	105 [2]		
	Working temperature	°C(°F)	0°C to +60°C 85%HR at +35°C (+32°F to +140°F 85%HR at +95°F)		
	Storage temperature	°C(°F)	-30°C to +80°C 85%HR at +35°C (-22°F to +176°F 85%HR at +95°F)		
	Manual operation		YES		
	Type of limit		Adjustable limits	Limits on hard stops	Adjustable limits
	Limit Switch accuracy	mm	±10		
	Protextion index	IP	30		
	Soft stop		YES	NO	YES
	Soft start		YES		
	Noise level (Power) [3]	dB(A)	45.2 / 43.4 / 37.3 / 39.7 / 29.8		
	Noise level (Pressure) [3]	dB(A)	38.35 / 36.23 / 33.98 / 30.45 / 25.42		
	Approx. Net weight of the motor	g	1320	1340	1320
Electrical characteristics	Voltage range	Vac	90 to 255		
	Frequency range	Hz	47 to 63		
	Maximum current	A	0.8 at 120 Vac / 0.4 at 240 Vac		
	Stand by power	W	< 1 W		
	Power cable type		H05 WF		
	Power cable number of wire		3	4	3
	Power cable wire section (Ø)	mm²	0,75		
	Control connector		RJ12	RJ12 set up only	RJ12
	Control method [4]		2 NO or 3 NO dry contacts	AC switch [4]	2 NO or 3 NO dry contacts
	Dry contact minimum closure time	ms	150	NA	150
	Voltage in control line	V	3,3		
	Maximum voltage drop in DCT control line	V	1	NA	1
	Insullation class		Class I		
	Maximum running time [5]		2min 30s		
Radio characteristics	Radio standards		NA	EN 301489-3 EN 300 220-3 EN 60 730-1	
	Radio protocol		NA	Somfy RTS protocol U80	
	Radio frequency	MHz	NA	433.42 ±0.1	426 ±0.001 / 447 ±0.001
	Receiver sensitivity	dBm	NA	-106	-108
	Modulation type		NA	ASK type A1 (amplitude modulation)	GSFK
	Radio range	m	NA	200 m in free field	
	Antenna		NA	Integrated	
	Rolling code		NA	16 million codes	
	number of RTS transmitter		NA	12 maximum	
Standards & Patents	Certifications		MIC: CE / cTUVus / RCM / SASO / KC / SCT / EAC MIF: CE / CCC		
	Patents		Patents pending		

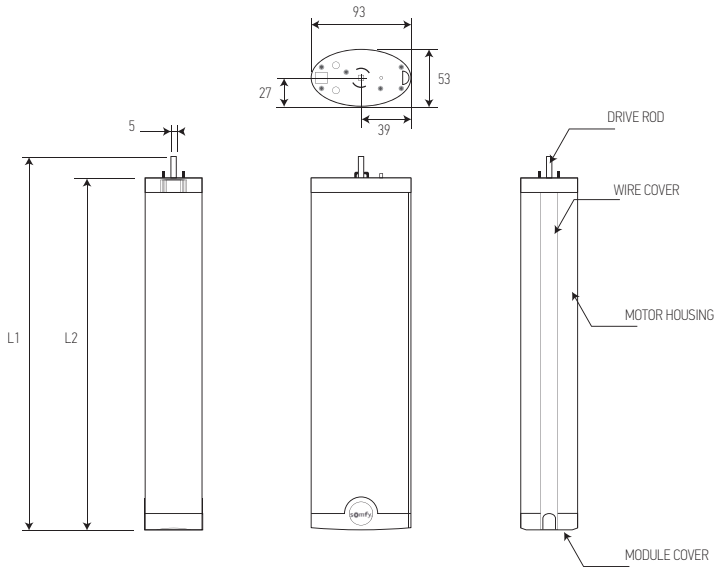
[1] Value given at different speed regulation settings:20 cm/s, 17.5 cm/s, 15 cm/s, 12.5 cm/s.
[2] Maximum speed at nominal torque.
[3] Indicative and according to SOMFY measurement standards.
[4] Requires mechanical relay type of controller, for other types please contact SOMFY. Maximum power cord length should be less than 50 m.
[5] Repeatedly operating the motor for extended periods may trigger thermal protection.

SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

1. Glydea® Ultra 60e technical characteristics.

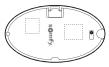
Part 1

Glydea® Ultra 60e interface drawing

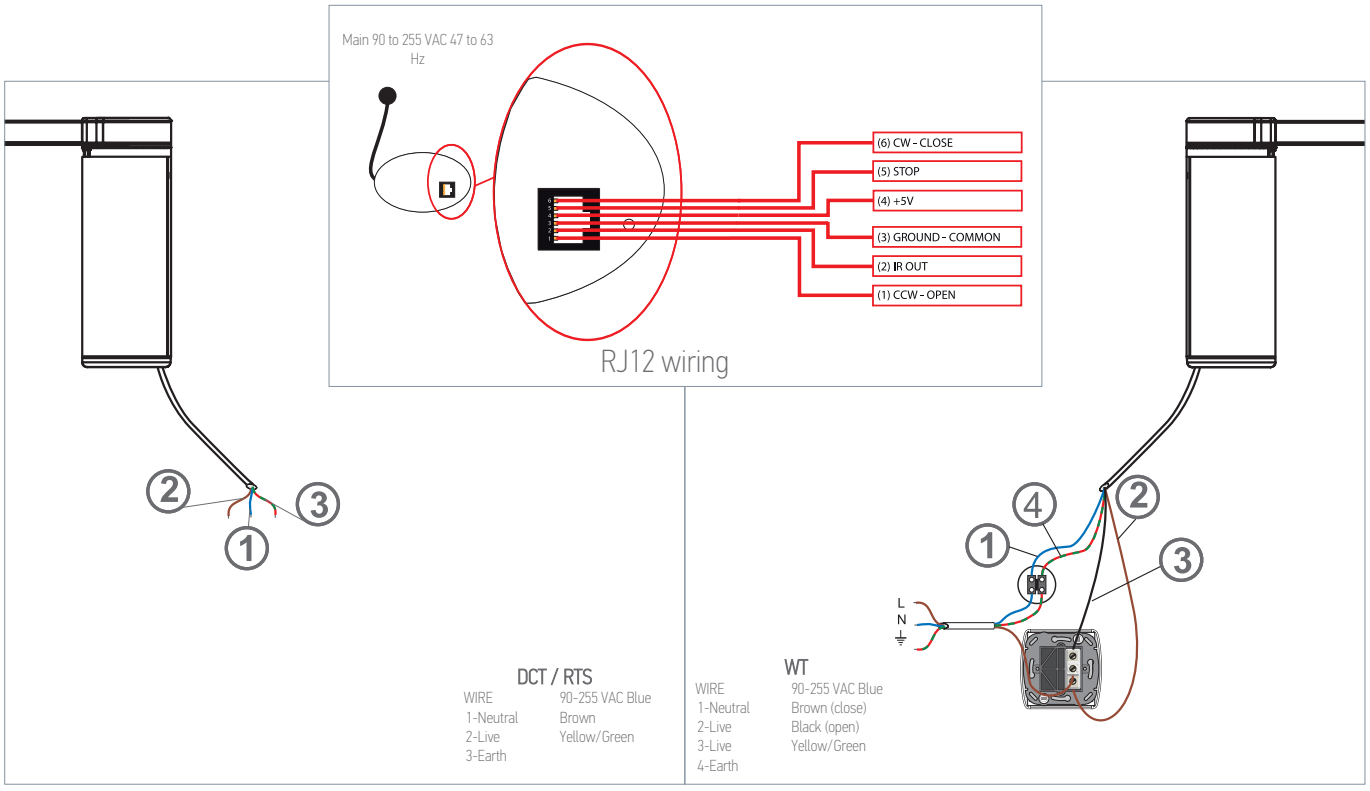


Glydea® Ultra 35e /60e

L1 = 348 mm
L2= 328 mm



Glydea® Ultra 60e wiring diagram



SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

1. Irismo™ WireFree 45 RTS technical characteristics.

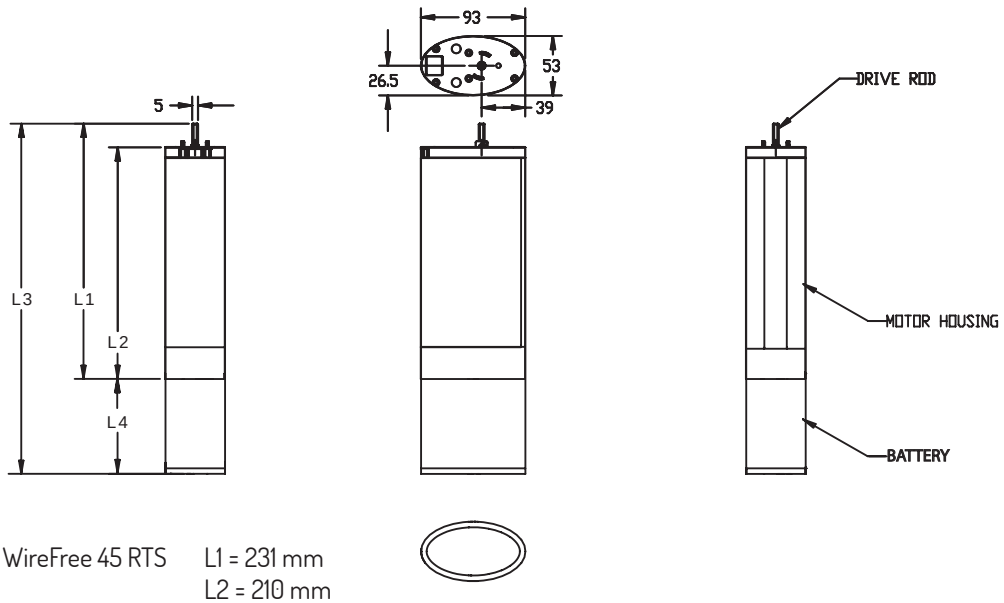
		Range	Irismo WireFree 45/45S RTS EU
		Technology	RTS
Motor mechanical characteristics	Nominal torque	Nm	0.8
	Maximum stall torque	Nm	0.9
	No load speed	cm/s	140 / 122.5 / 105 / 87.5 (factory default) [1]
	Nominal speed	cm/s	87.5 [2]
	Working temperature	°C(°F)	0°C to +60°C 85%HR at +35°C (+32°F to +140°F 85%HR at +95°F)
	Storage temperature	°C(°F)	-30°C to +80°C 85%HR at +35°C (-22°F to +176°F 85%HR at +95°F)
	Storage temperature (Battery pack) < 3 months	°C(°F)	0°C to +35°C (+32°F to +95°F)
	Storage temperature (Battery pack) > 3 months	°C(°F)	+15°C to + 25°C (+59°F to +77°F)
	Manual operation		YES
	Type of limit		Adjustable limits
	Limit Switch accuracy	mm	±10
	Protextion index	IP	30
	Soft stop		YES
	Soft start		YES
	Noise level (Power) [3]	dB(A)	45 / 43 / 41 / 39
	Noise level (Pressure) [3]	dB(A)	44 / 41 / 38 / 35
	Approx. Net weight of the motor	g	883
Electrical characteristics	Current (sleep mode)	mA	< 0.2
	Current (wakeup mode)	mA	3 to 5
	Voltage range	Vac	100 - 240
	Frequency range	Hz	50 / 60
	Maximum current	A	NA
	Stand by power	W	< 0.006
	Power adapter Current	A	1.8
	Power adapter Voltage	Vdc	30
	Battery pack capacity	mAh	2950
	Charging temperature	°C(°F)	0°C to +40°C (+32°F to + 104°F)
	Charge time	Hour	4
	Power cable type		NA
	Power cable number of wire		NA
	Power cable wire section (Ø)	mm²	AC cable: 0.5, DC cable: 20 AWG
	Control connector		NA
	Control method [4]		RTS remote control
	Dry contact minimum closure time	ms	NA
	Voltage in control line	V	NA
	Maximum voltage drop in DCT control line	V	NA
	Touch motion		YES (activated by default)
	Insullation class		Class I
	Maximum running time [5]		2min 30s
Radio characteristics	Radio standards		EN 301 489-3, EN 300 220-3, EN 60 730-1
	Radio protocol		Somfy RTS protocol U80
	Radio frequency	MHz	433.42 ±0.1
	Receiver sensitivity	dBm	-103
	Modulation type		ASK type A1 (amplitude modulation)
	Radio range	m	200 m in free field
	Antenna		Integrated
	Rolling code		16 million codes
	number of RTS transmitter		12 maximum
Standards & Patents	Certifications		CE, SASO, (UL tbc)
	Patents		Patents pending

[1] alue given at different speed regulation settings:20 cm/s, 17.5 cm/s, 15 cm/s, 12.5 cm/s.
[2] Maximum speed at nominal torq
[3] Indicative and according to SO measurement standards.
[4] Requires mechanical relay type of control , for other types please contact SOMFY. Maximum power cord length should be less than 50 m.
[5] Repeatedly operating the motor for extended periods may trigger thermal protecti

SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

1. Irismo™ WireFree 45 RTS technical characteristics.

Irismo™ WireFree 45 RTS interface drawing

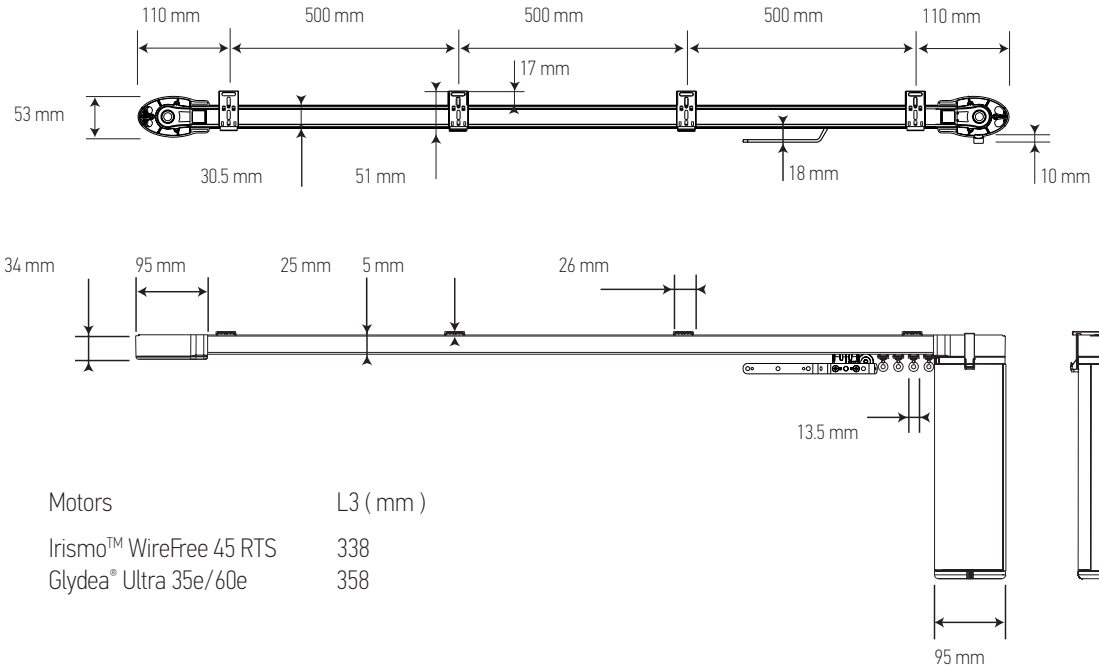


Irismo™ WireFree 45 RTS

L1 = 231 mm
L2 = 210 mm
L3 = 329 mm
L4 = 98 mm

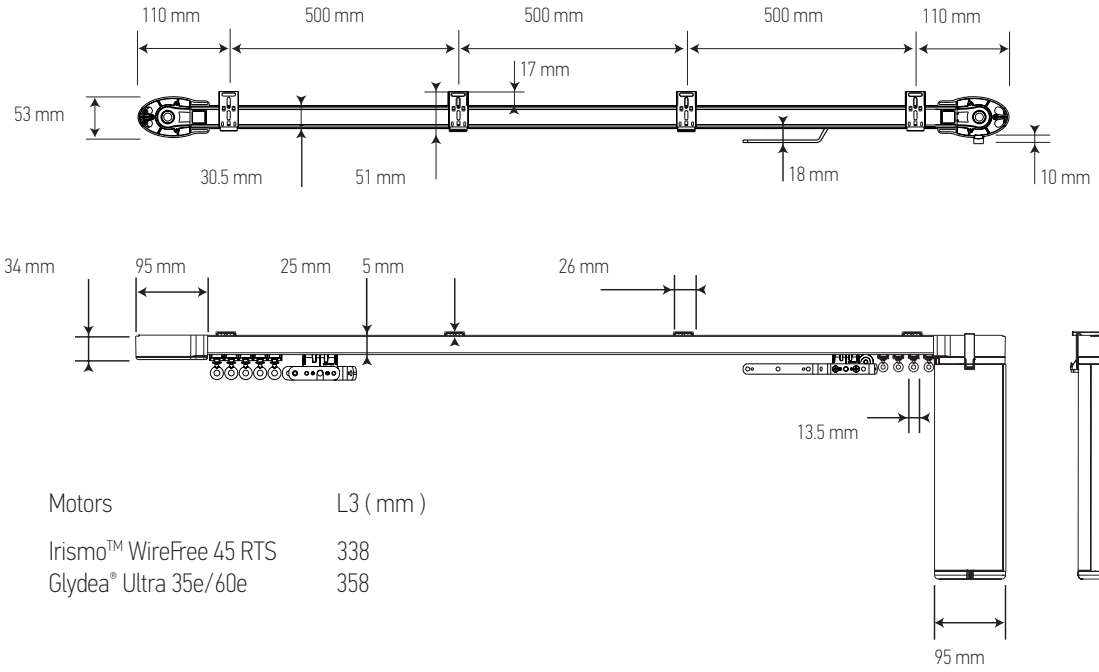
1.Curtain track interface drawings.

Lateral opening with big pulley's



Motors	L3 (mm)
Irismo™ WireFree 45 RTS	338
Glydea® Ultra 35e/60e	358

Central opening with big pulley's

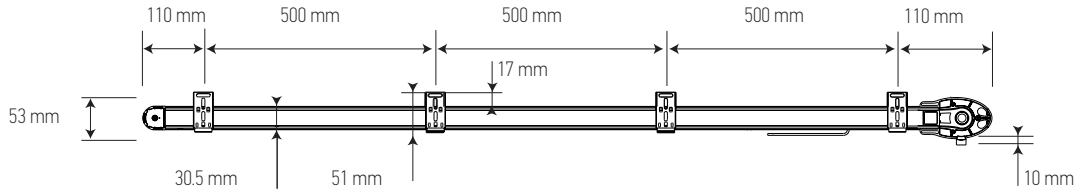


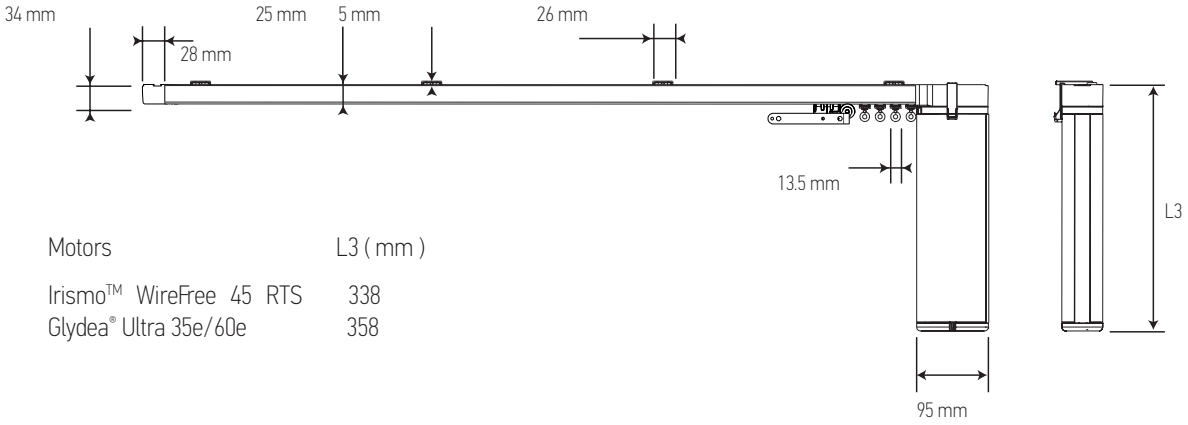
Motors	L3 (mm)
Irismo™ WireFree 45 RTS	338
Glydea® Ultra 35e/60e	358

SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

1. Curtain track interface drawings.

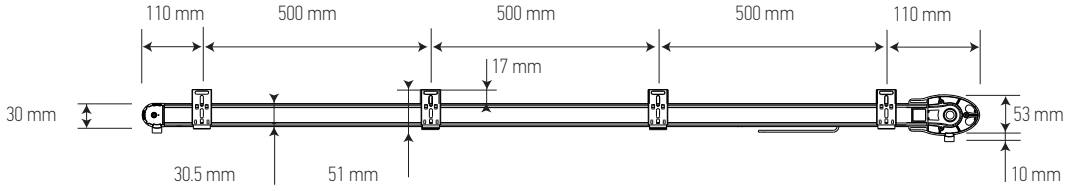
Lateral opening with small pulley

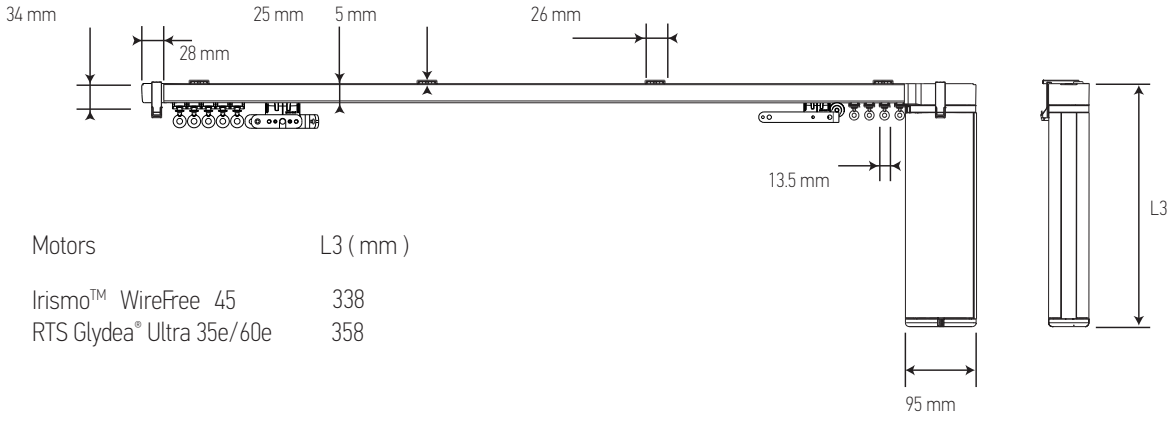




Motors	L3 (mm)
Irismo™ WireFree 45 RTS	338
Glydea® Ultra 35e/60e	358

Central opening with small pulley



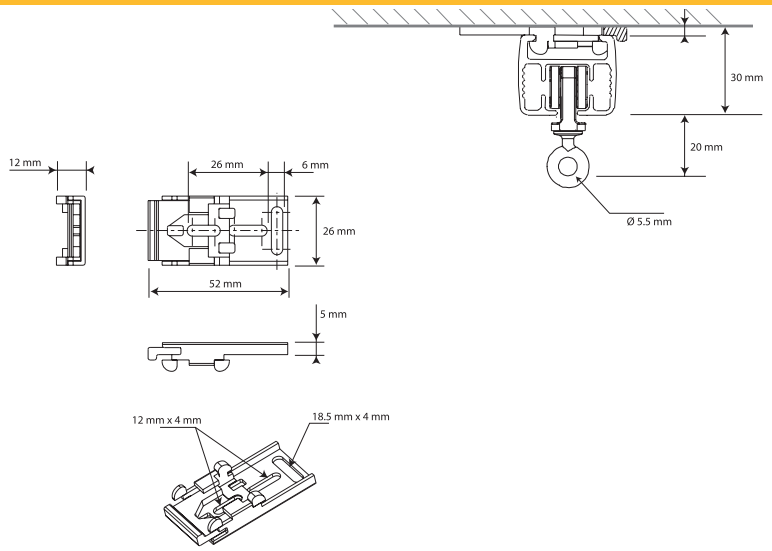


Motors	L3 (mm)
Irismo™ WireFree 45	338
RTS Glydea® Ultra 35e/60e	358

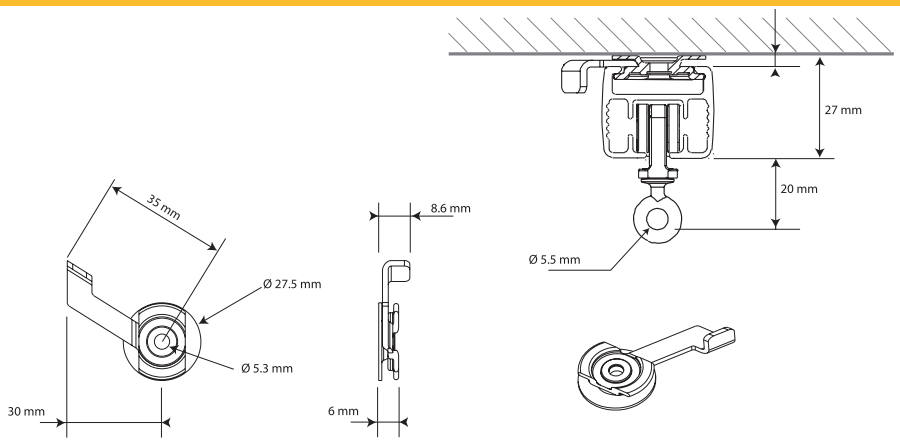
SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

1. Accessories dimensions.

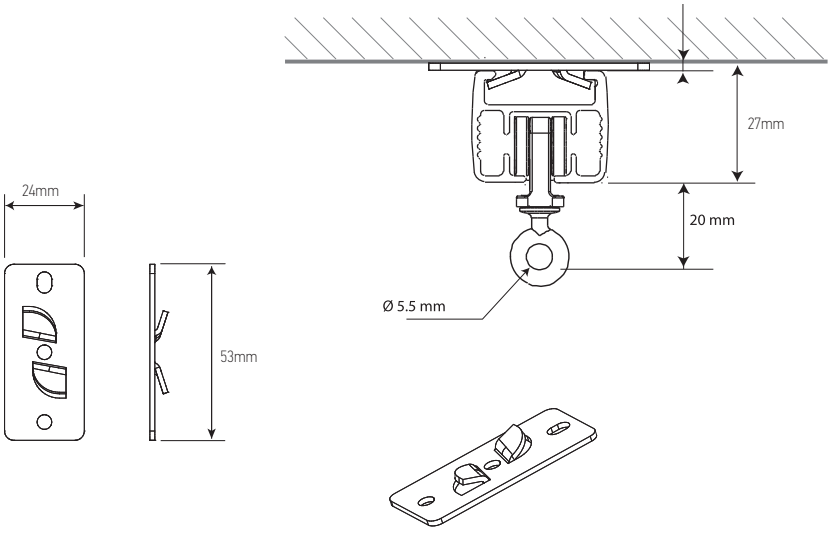
One touch ceiling brackets.



Swivel ceiling brackets.



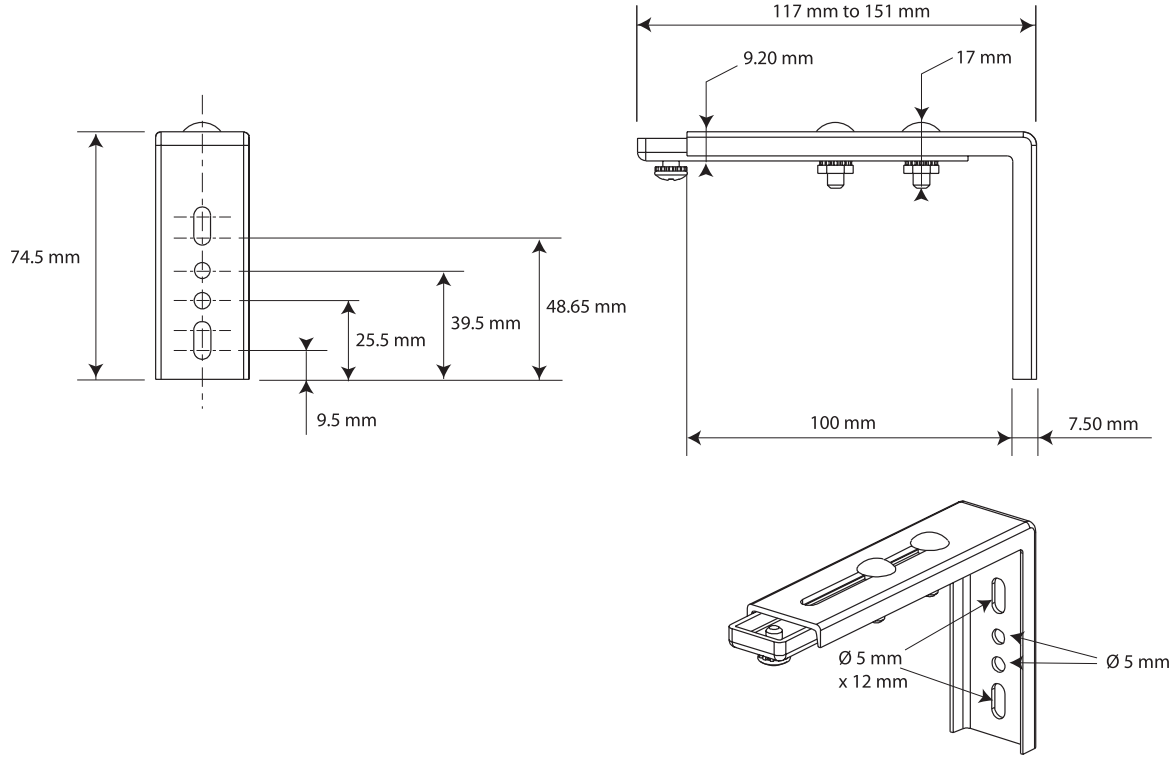
One touch ceiling brackets.



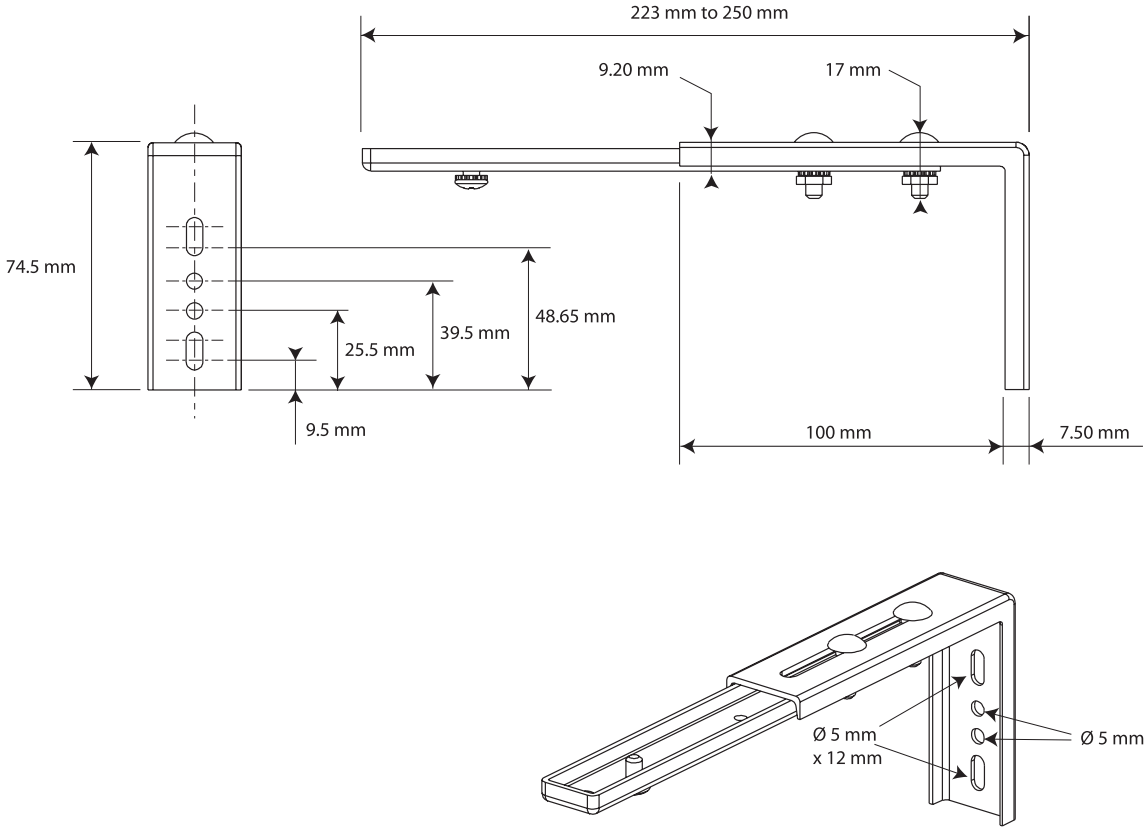
SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

1. Accessories dimensions.

E] Adjustable wall mount brackets.



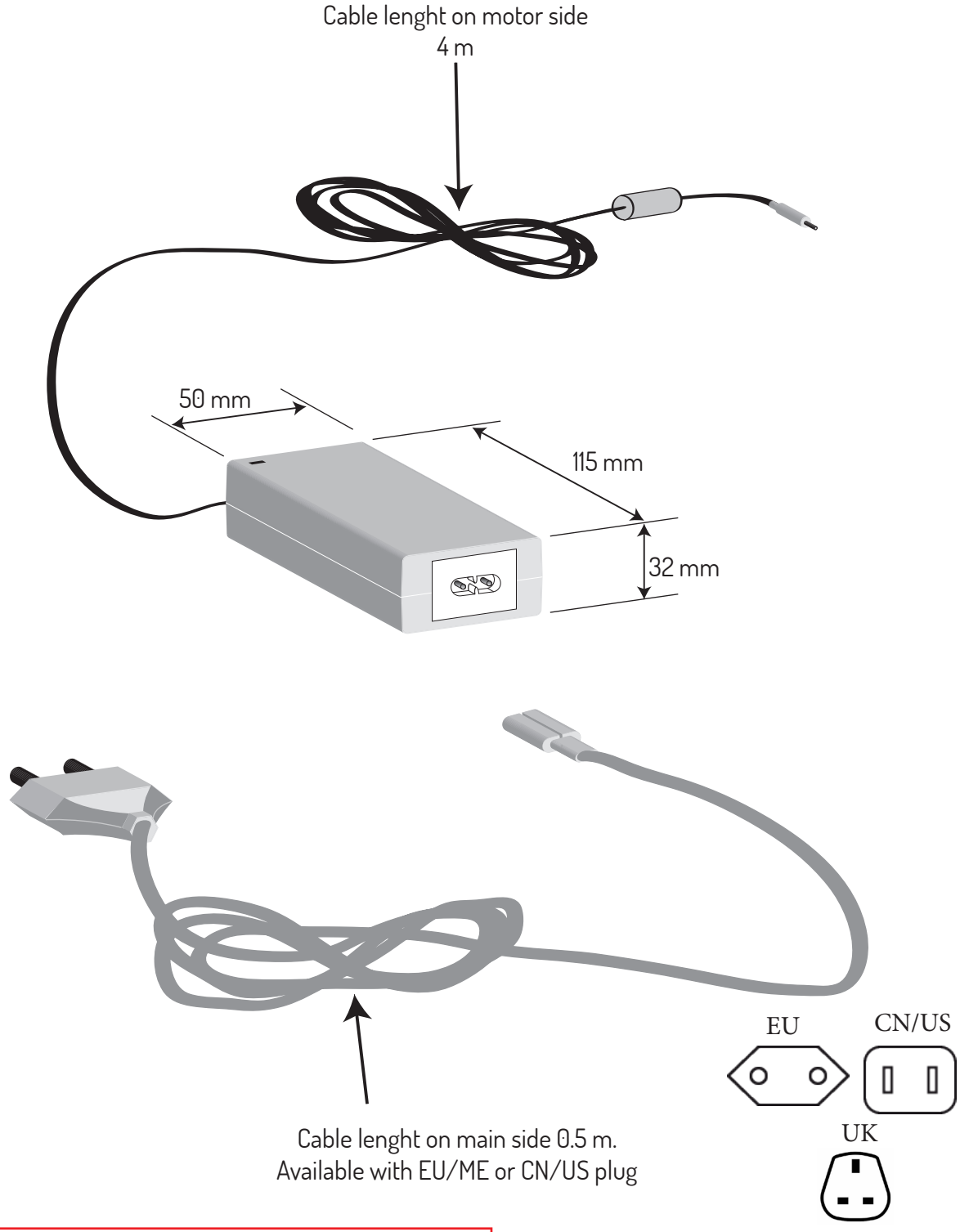
F] Double adjustable wall mount brackets.



SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

1. Irismo WireFree power charger

INPUT: 100 - 240VAC - 50/60Hz - 1,3A
OUTPUT: 30VDC - 1.8A



NOT SUITABLE FOR Irismo mini. Output voltage 30 Vdc !

SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

Part 2

Application perimeter

- Traversing capacity.
- Bending measurement guide.
- Somfy Curtain actuators selection charts.

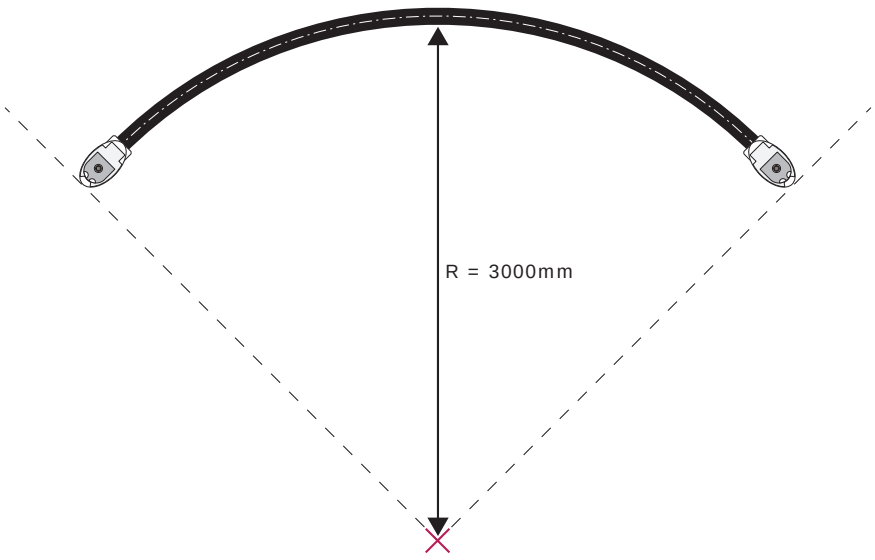
SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

2. Traversing capacity.

Motor load capacity according to track opening, shape, length.
In the charts below we give the maximum weight of curtain in Kg, which has to be motorized by different curtain motor versions according to the different track c
lengths of the track.
When calculating the weight of the curtain the fullness ratio of the curtain has to be taken into account:
Weight of the curtain = fabric weight/m² x curtain covered area x fullness ratio.
The traversing capacity is given for an installation with no extra friction created by the fabric curtain touching the rail or the track pelmet.

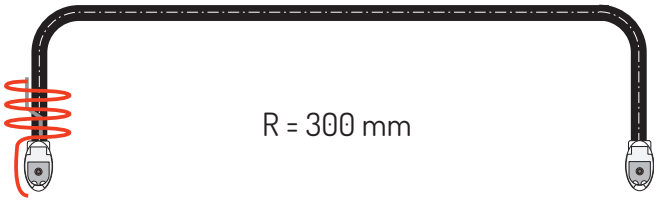
Bending radius minimum 300mm.

Arc radius minimum 3 000mm.



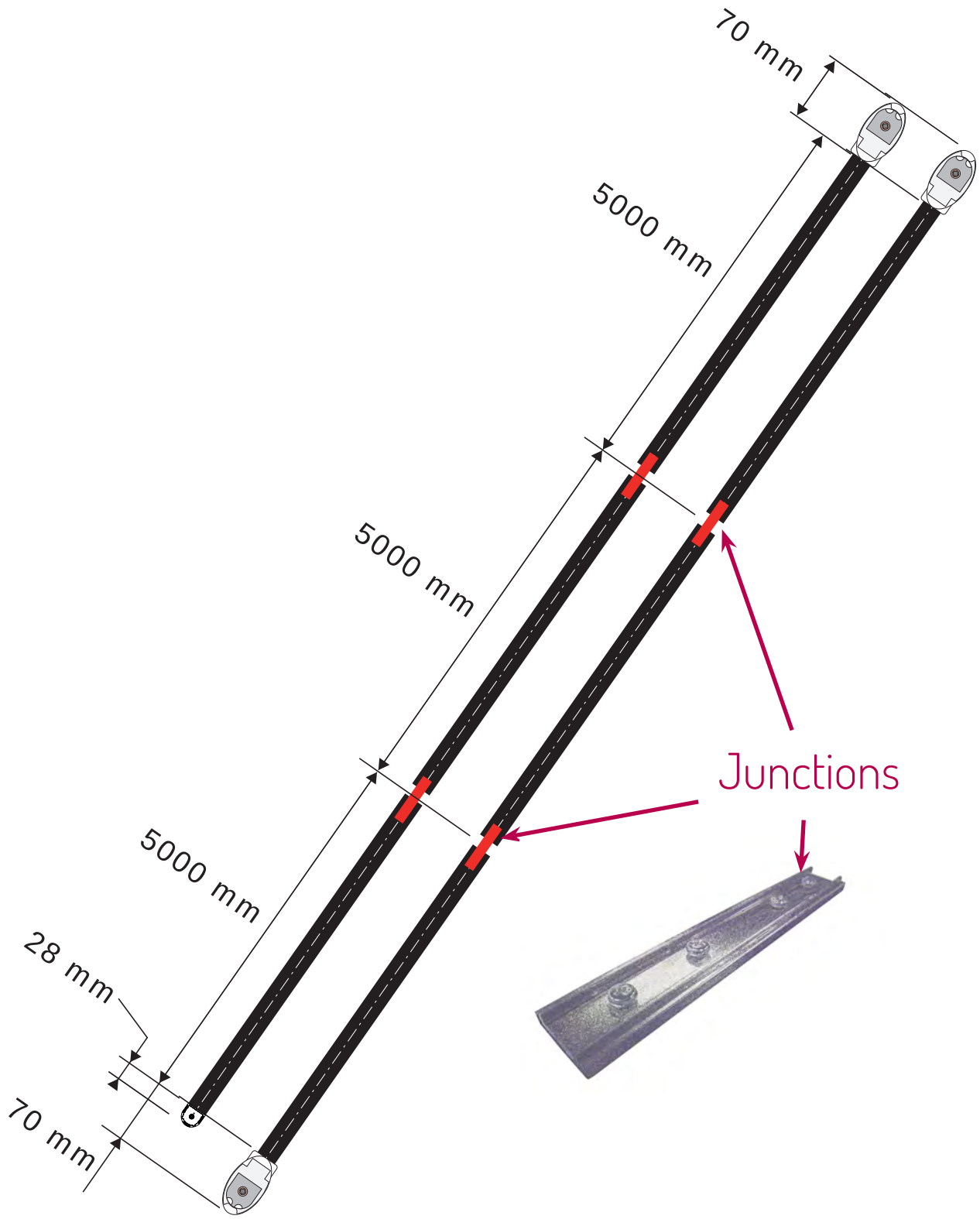
Due to the bending process 285mm of the rail still straight on the both side of the curve or the arc shape.

2. Traversing capacity.

Track Type One way	Track Type Two way
 R = 300 mm	 R = 300 mm
 R = 300 mm	 R = 300 mm
 R = 3000 mm	 R = 3000 mm

SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

2. Traversing capacity.



Maximum length = 15m. / Maximum number of junctions = 2.

SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

2. Bending measurement guide.

For bending or curving tracks length and radius limitation please refer to the specific datasheet

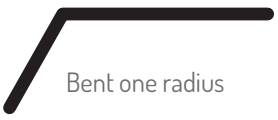
1 x rail length max. = 4430mm.
Radius limitation:
Bent: 300mm ≤ R < 3000mm.
Curve: R ≥ 3000mm (max. length in one part 4430mm, in two parts 8860mm).

Due to the bending process 285mm of the rail still straight on the botth side of the curve or the arc shape.

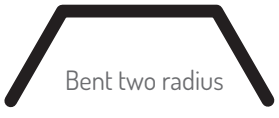
Our logistic department is able to provide customized bent or curved track.

Only under the f

- Minimum radius possible: 300 mm.
- Bending angle between: 0° to 180°
- Shape available: Bent 300 mm ≤ R < 3000 mm.
  Curve R ≥ 3000mm
  (max. length in one part 4430mm, in two parts 8860mm).


Bent one radius

Arc one radius


Bent two radius

Arc two radius

Not available shape from Somfy Logistic.

Bent opposite radius

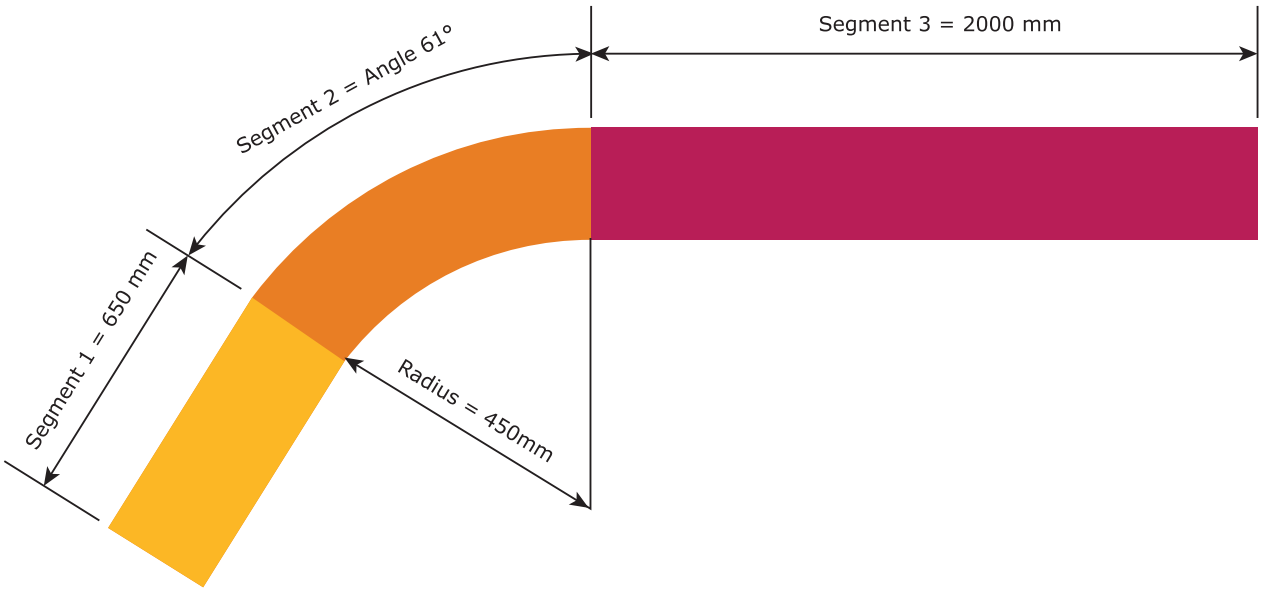
Arc more than 2 radius

2. Bending measurement guide.

How to measure a bent or curved track under Somfy cottation?

- For each alternation of straight and curved part we allocate a segment.
- For straight part the length in mm.
- For curved part the radius in mm + the angle in degree.

EXAMPLE:



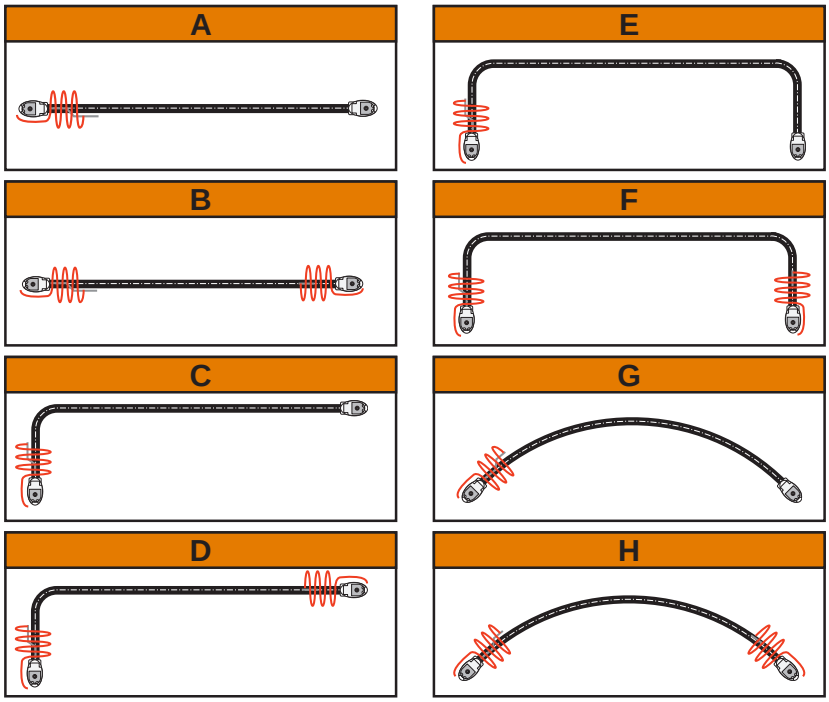
Segment	Length in mm	or	Radius in mm	and	Angle in degree
1	650	or	--	and	--
2	--	or	450	and	61
3	2000	or	--	and	--

⚠ The segment number one is always placed on the left hand side when you are facing the window from inside.

2. Somfy curtain motor selection charts.

Part 2

Track types:



SOMFY CURTAIN MOTORS SELECTION CHARTS												
Track type	Motor range 35			Motor range Irismo WireFree 45			Motor range 60			Motor range 60 tandem		
	3m	6m	10m	3m	6m	10m	6m	10m	12m	6m	10m	15m
A	35	35	35	45	45	45	60	60	55	100	100	100
B	35	35	35	45	45	45	60	60	55	100	100	100
C	35	25	20	45	45	35	45	45	35	100	80	80
D	35	25	20	45	45	35	45	45	35	100	80	80
E	15	10	--	35	30	20	35	25	--	70	70	56
F	15	10	--	35	30	20	35	25	--	70	70	56
G	35	15	--	35	20	--	35	8m 25	--	70	8m 56	--
H	30	10	--	30	20	--	30	8m 20	--	70	8m 56	--

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

SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

Part 3

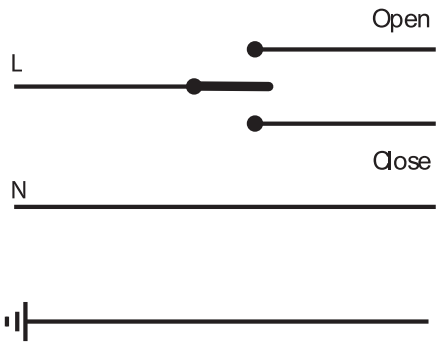
Control Options & Wiring

- AC control with AC switching.
- AC control with DCT switching.
- DCT control with DCT switching.
- AC & DC tandem wiring.

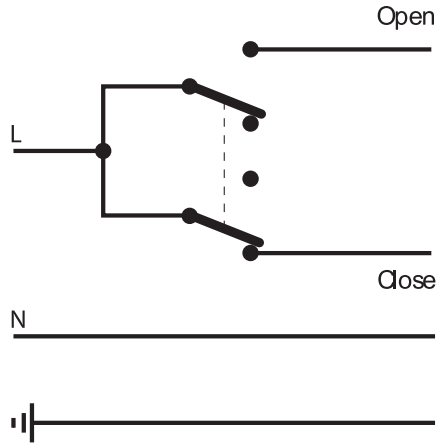
3. AC control with AC switching.

AC contacts switches types:

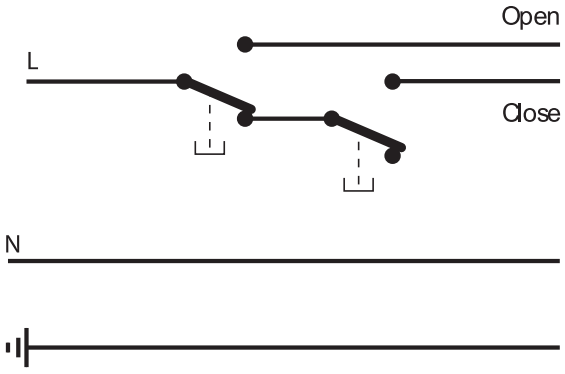
Rocker switch



2 contacts with safety locker



2 safety push button

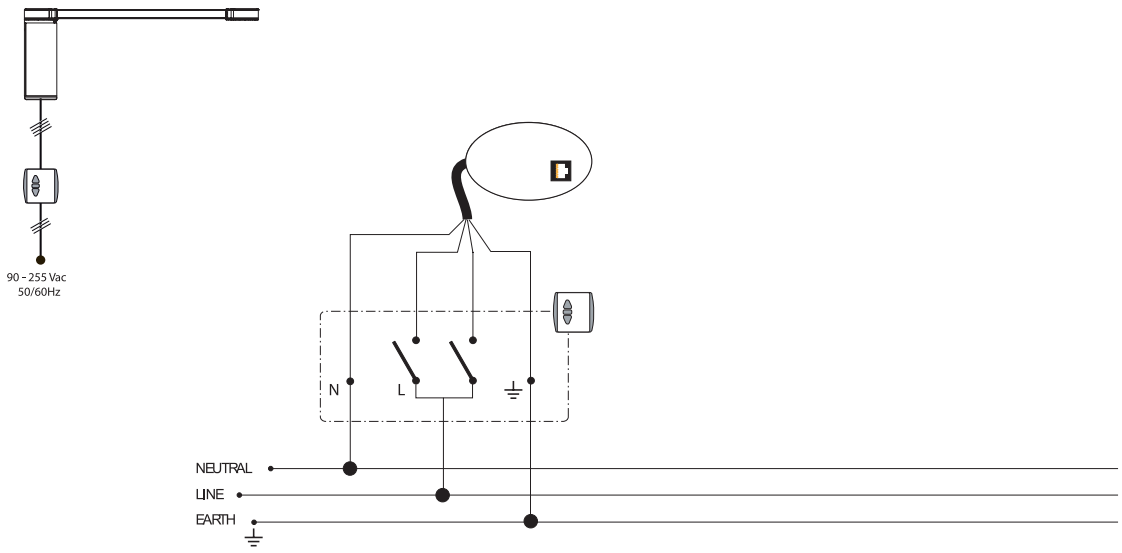


Used fixed position (maintained) AC switches. Do contact Somfy when using electronic switching control devices.

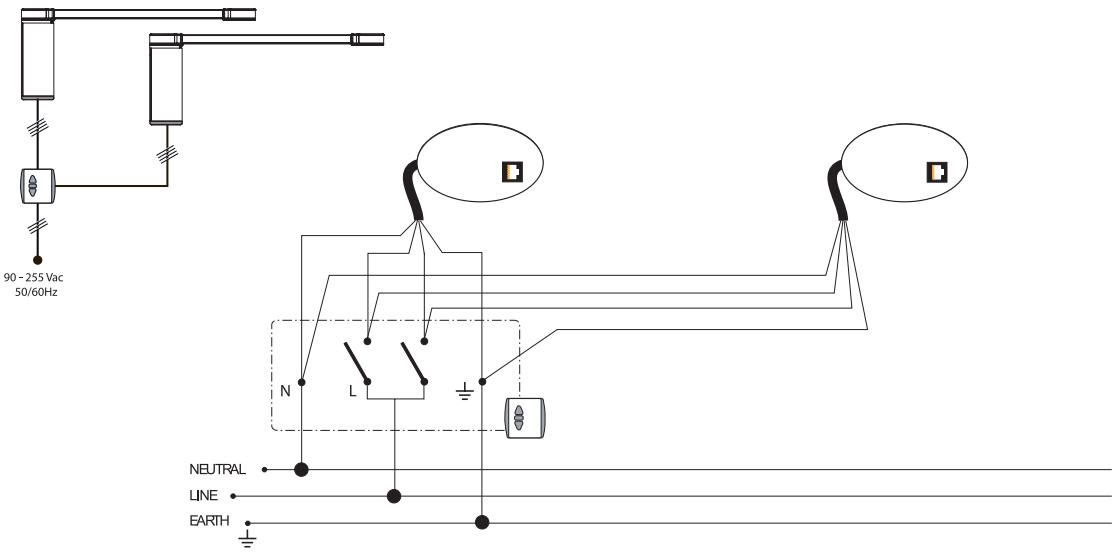
SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

3. AC control with AC switching.

Individual AC maintained control with AC switching contact



AC group control with AC switching contact.



⚠ Used fixed position (maintained) AC switches. Do contact Somfy when using electronic switching control devices.

3. AC control with DCT switching.

Animeo IB+: Motor controller IB+ 4AC

For the individual controlling of 4 x 230VAC motors via local push buttons, or in group with IB+ controlling technology.

Animeo LONWORKS: Motor controller LON 4AC WM + DRM

For the individual controlling of 4 x 230VAC motors via local push buttons, or in group with LON controlling technology.

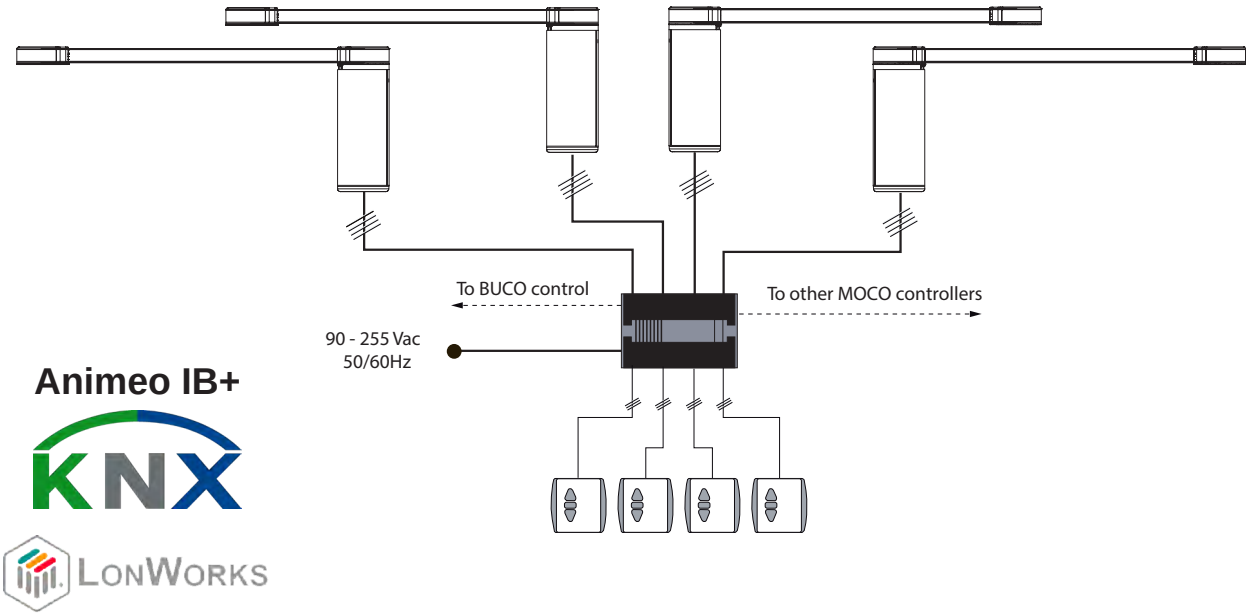
AnimeoKNX / EIB: Motor controller KNX/EIB 4AC

For the individual controlling of 4 x 230VAC motors via local push buttons, or in group with KNX/EIB controlling technology.

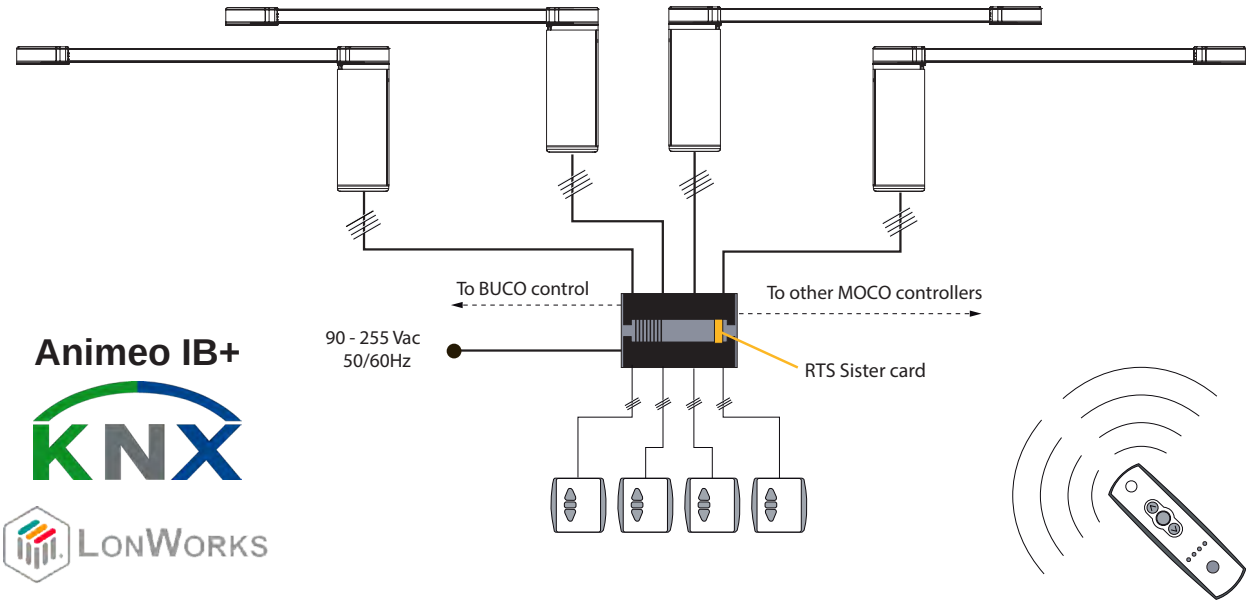
SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

3. AC control with DCT switching.

Animeo group control with BUCO, MOCO, & DCT individual control.



Animeo group control with BUCO, MOCO, RTS sister card, & DCT individual control + RTS control.

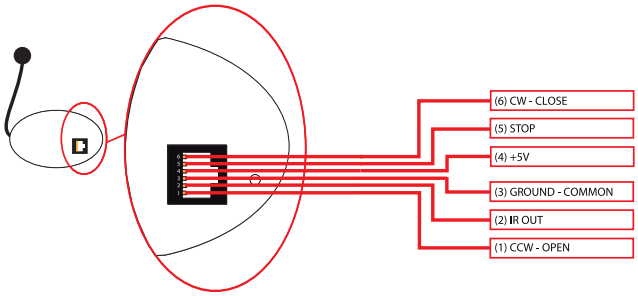


Number of DCT actuators & length of control line limitations:

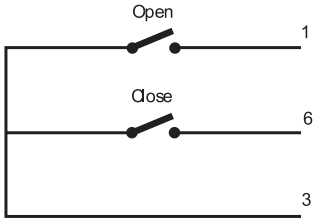
Wire cross section	Maximum length of cable	Maximum number of motors
Modular cable AWG 24	100m	10
0.75mm²	200m	20

3. DCT control with DCT switching.

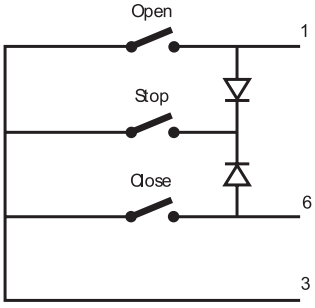
RJ 12 socket pin out.



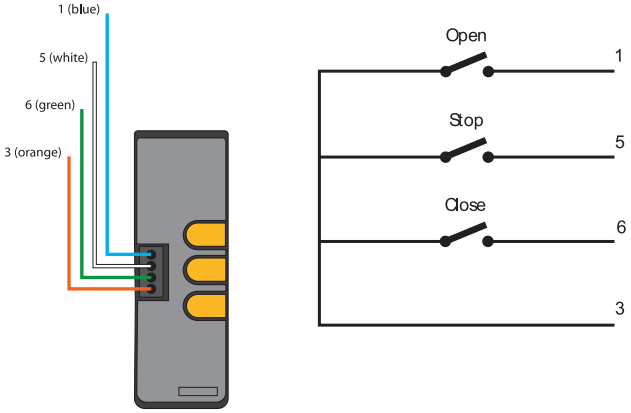
Two Normally Open dry contacts.



Two Normally Open dry contacts with stop in parallel.



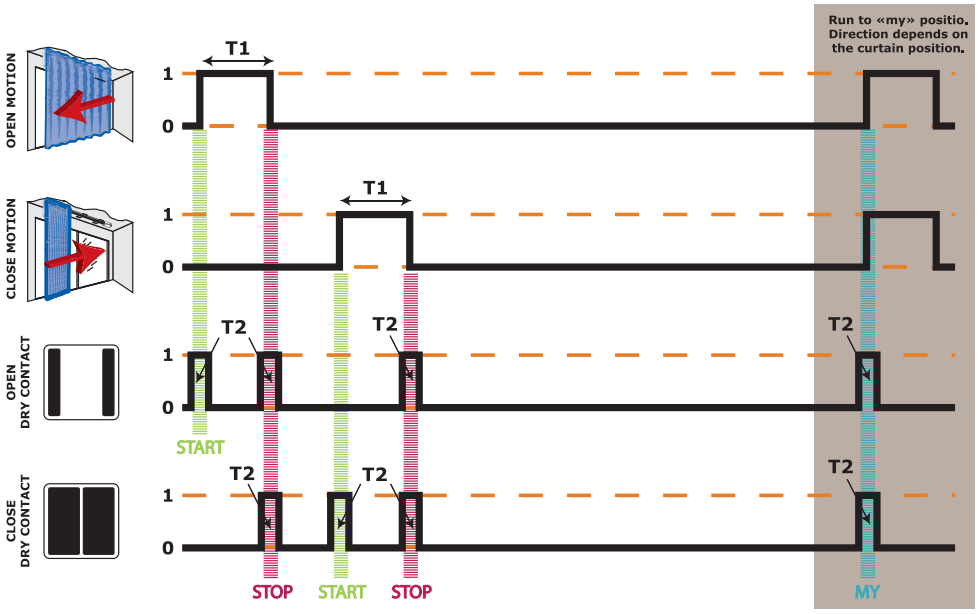
Three Normally Open dry contacts.



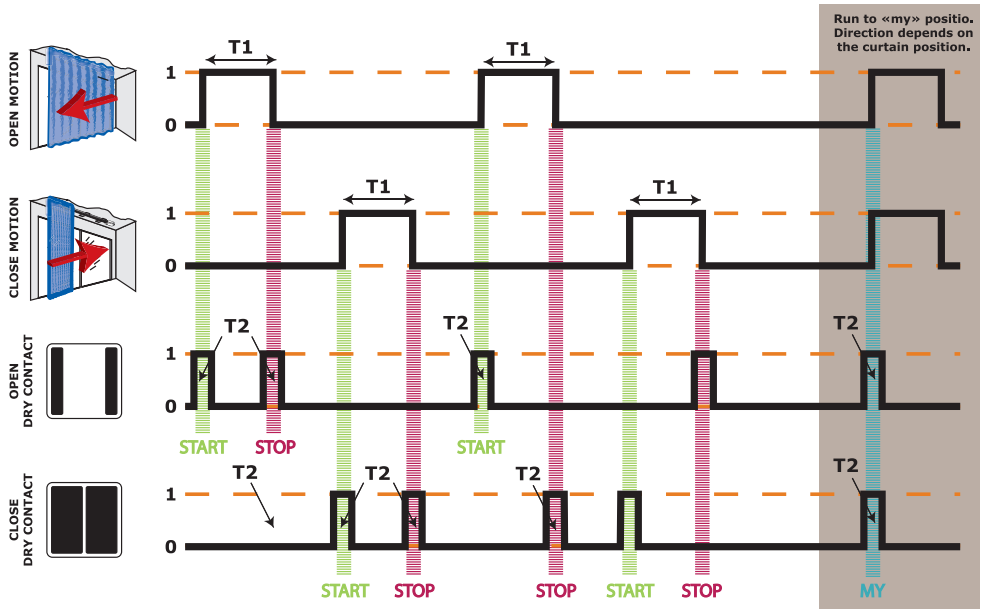
SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

3. DCT control with DCT switching.

Two Normally Open dry contact standard Somfy mode.



Two Normally Open dry contact sequential mode.

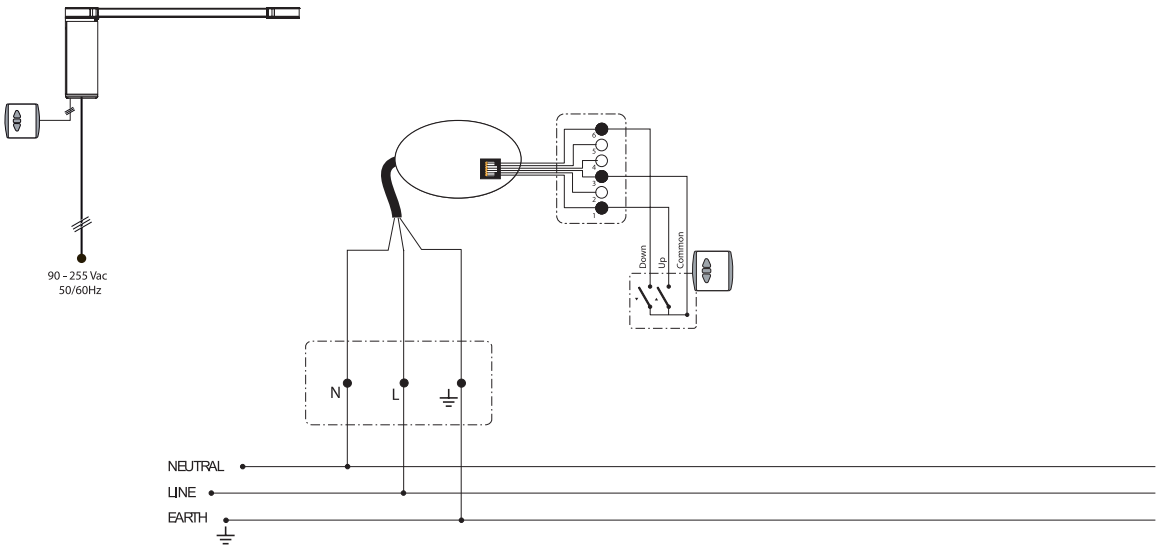


ACTIVE TIME:
T1= 2min 30s (Output activation maximum time without a stop order).
T2= >150ms < 500ms.

3. DCT control with DCT switching.

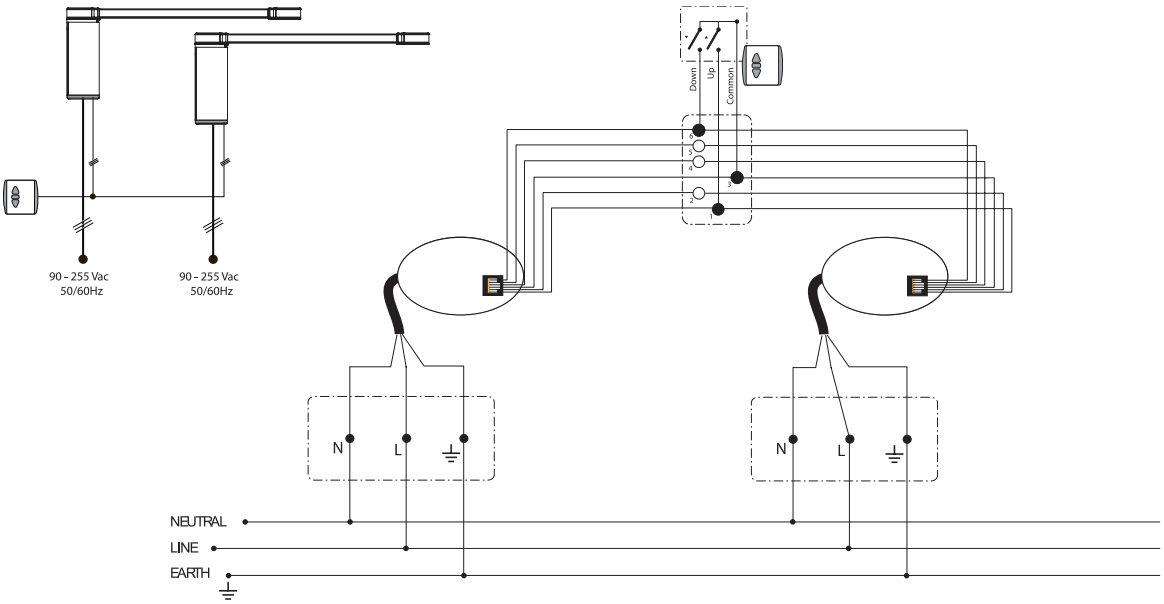
DCT individual control with Somfy switch.

DRY CONTACT



DCT group control with Somfy switch

DRY CONTACT



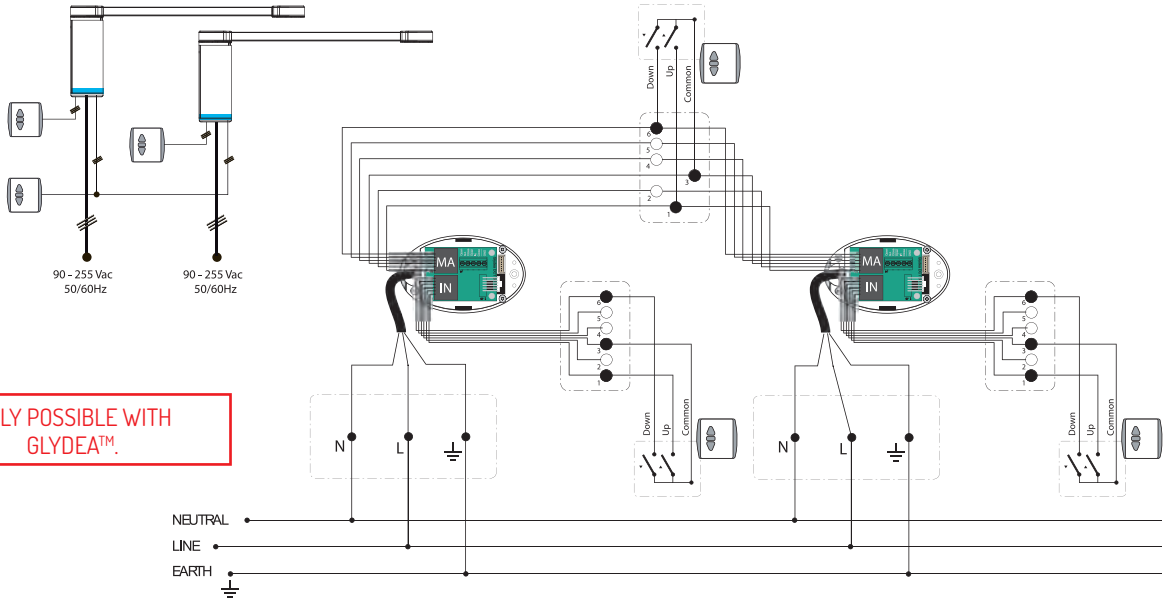
NUMBER OF DCT MOTOR & LENGTH OF CONTROL LINE LIMITATIONS:

Wire cross section	Maximum length of cable	Maximum number of motors
Modular cable AWG 24	100m	10
0.75mm²	200m	20

SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

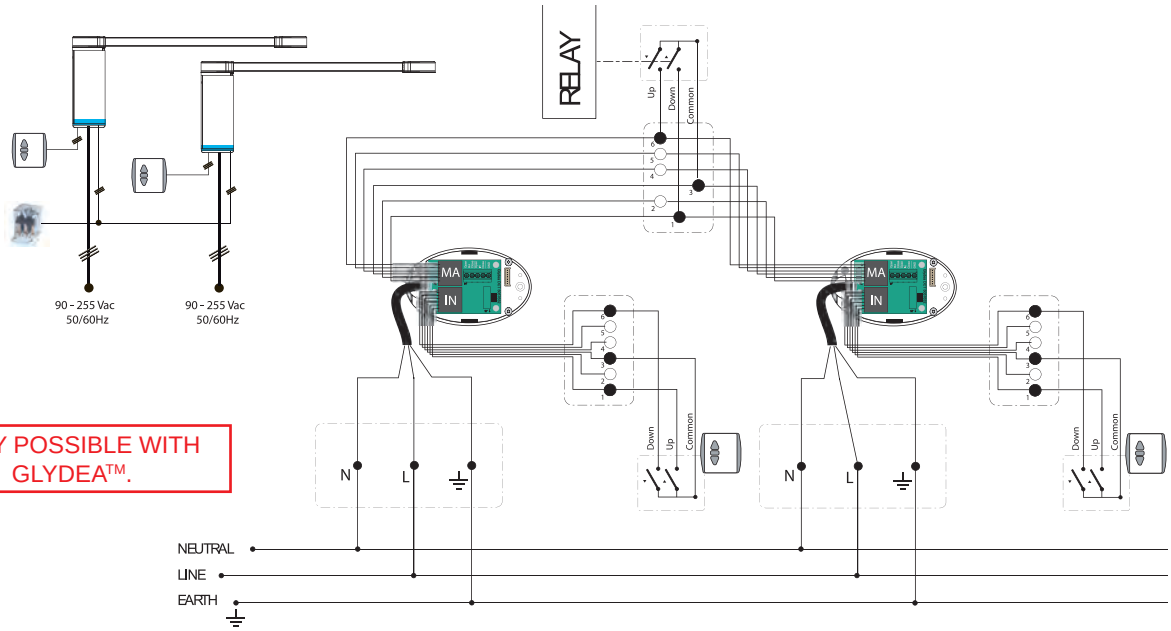
3. DCT control with DCT switching.

DCT group control + individual control with Somfy switch. DRY CONTACT



ONLY POSSIBLE WITH GLYDEA™.

DCT group control with relay + individual control with Somfy switch. DRY CONTACT



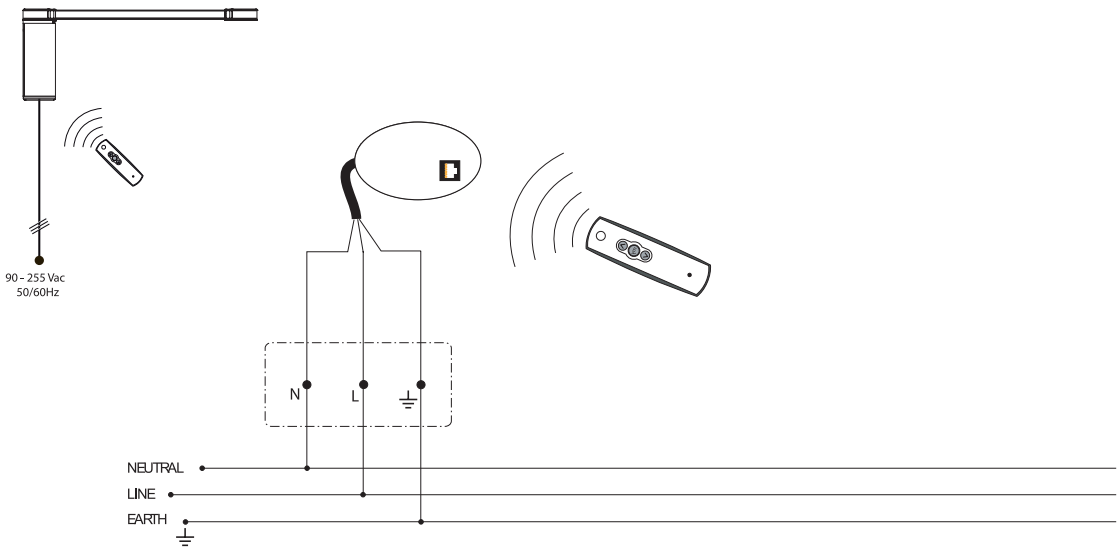
ONLY POSSIBLE WITH GLYDEA™.

NUMBER OF DCT MOTOR & LENGTH OF CONTROL LINE LIMITATIONS:

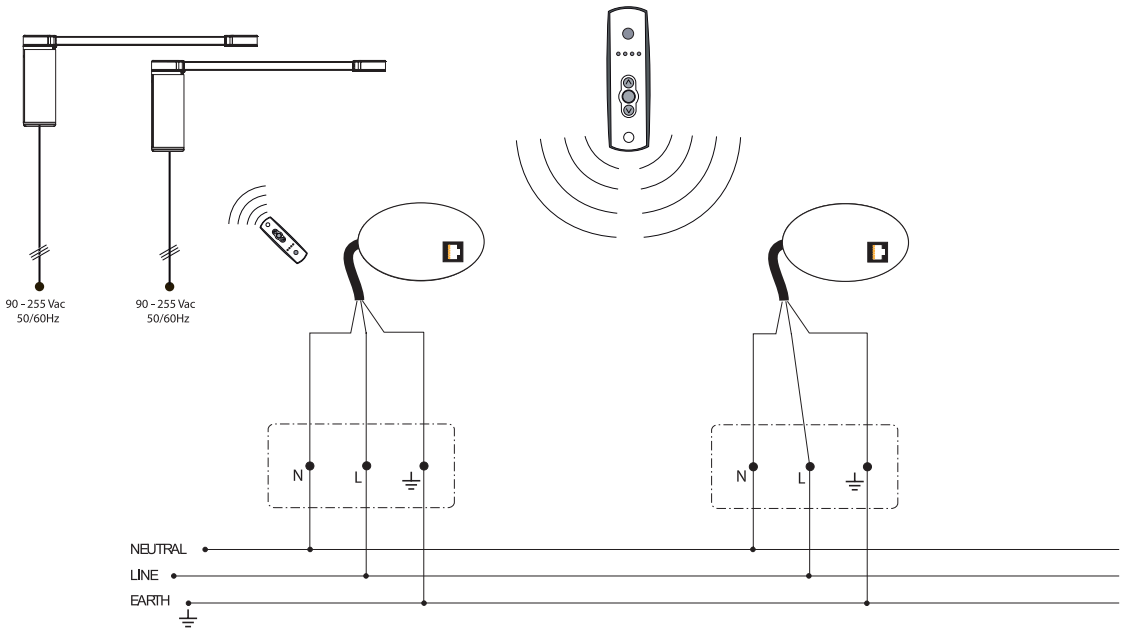
Wire cross section	Maximum length of cable	Maximum number of motors
Modular cable AWG 24	100m	10
0.75mm²	200m	20

3. RTS control.

RTS individual control.



RTS group control.



NUMBER OF DCT MOTOR & LENGTH OF CONTROL LINE LIMITATIONS:

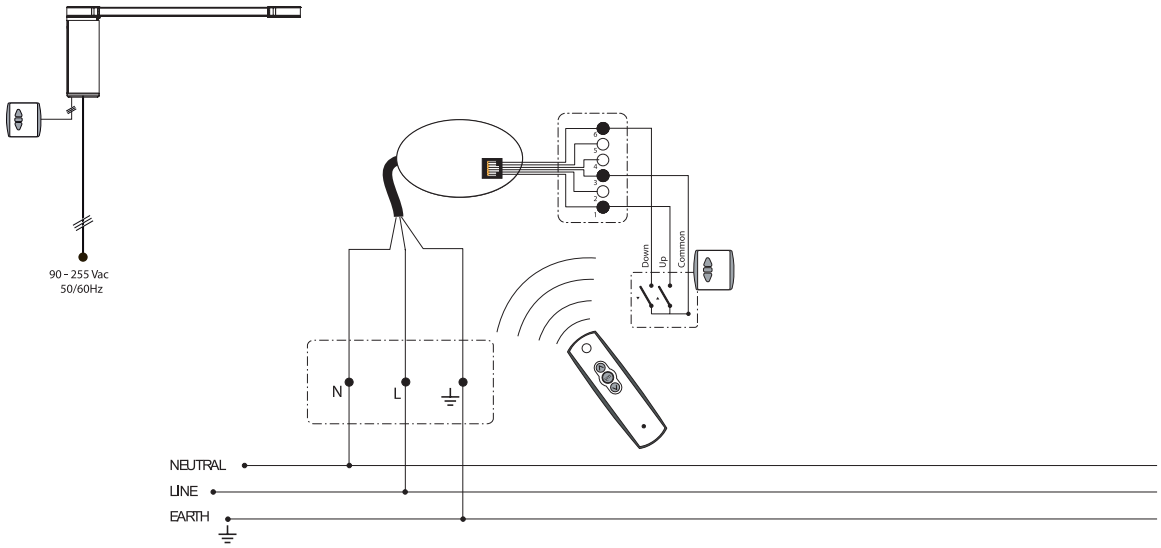
Wire cross section	Maximum length of cable	Maximum number of motors
Modular cable AWG 24	100m	10
0.75mm²	200m	20

SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

3. RTS control with DCT switching.

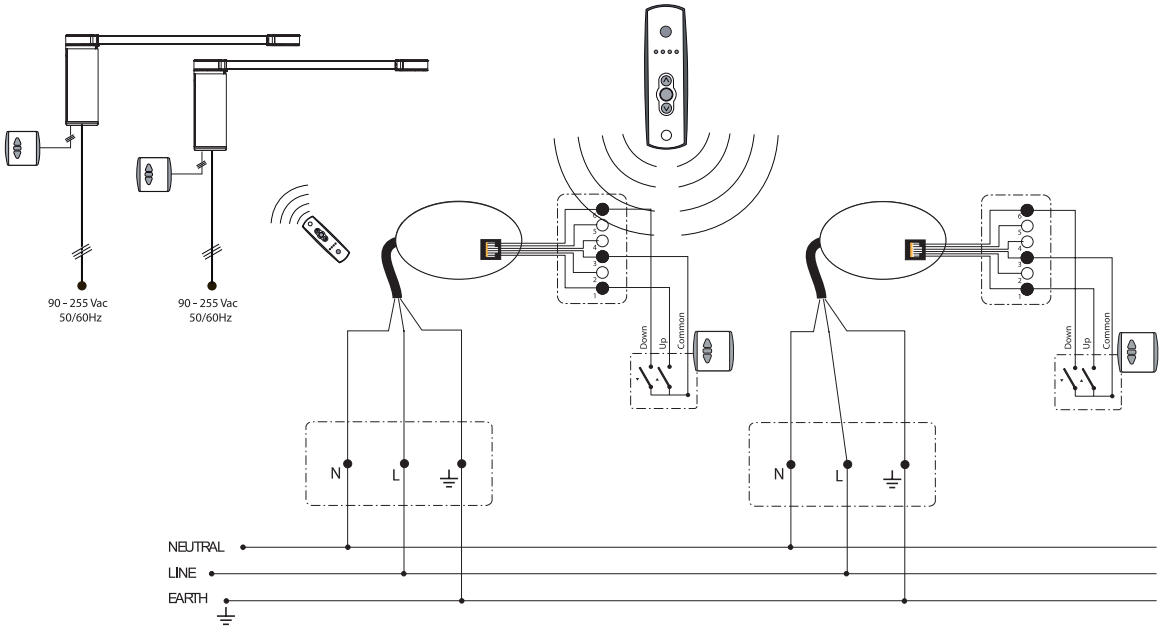
RTS individual control + DCT individual control.

RTS DRY CONTACT



RTS group control + DCT individual control.

RTS DRY CONTACT

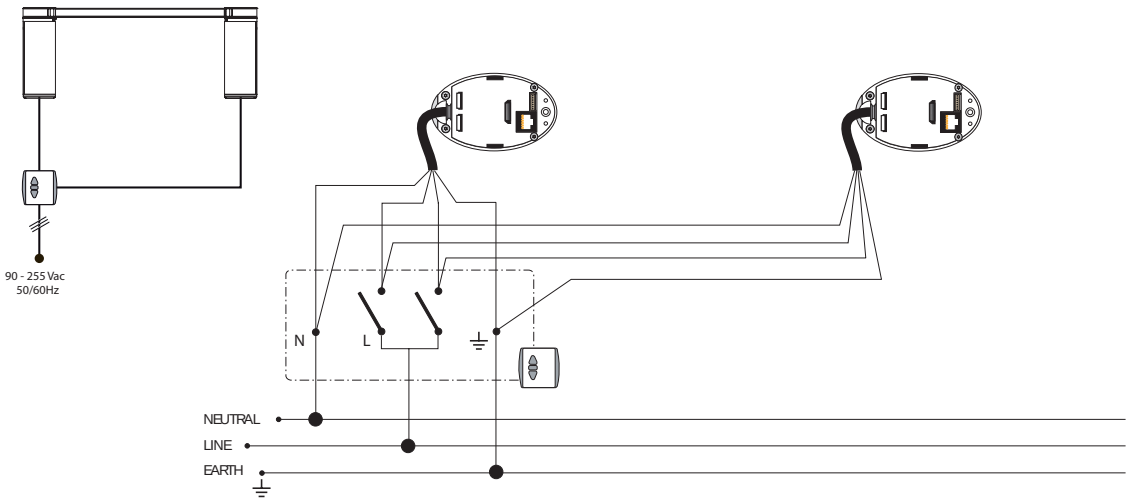


NUMBER OF DCT MOTOR & LENGTH OF CONTROL LINE LIMITATIONS:

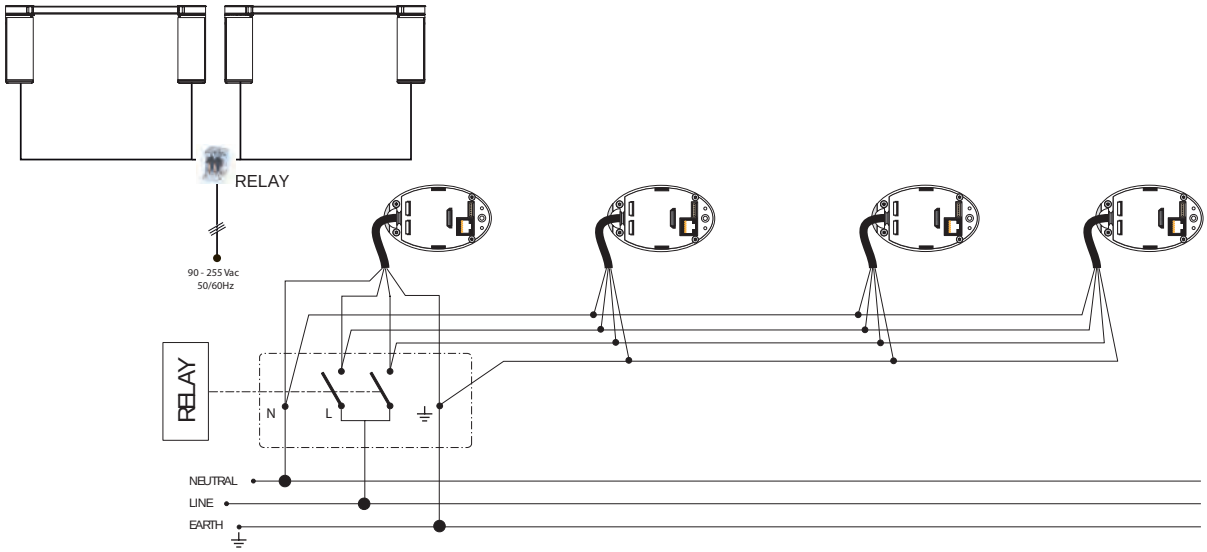
Wire cross section	Maximum length of cable	Maximum number of motors
Modular cable AWG 24	100m	10
0.75mm²	200m	20

3. Glydea™ tandem wiring.

Individual AC maintained control with AC switching contact



AC group control with AC relay.

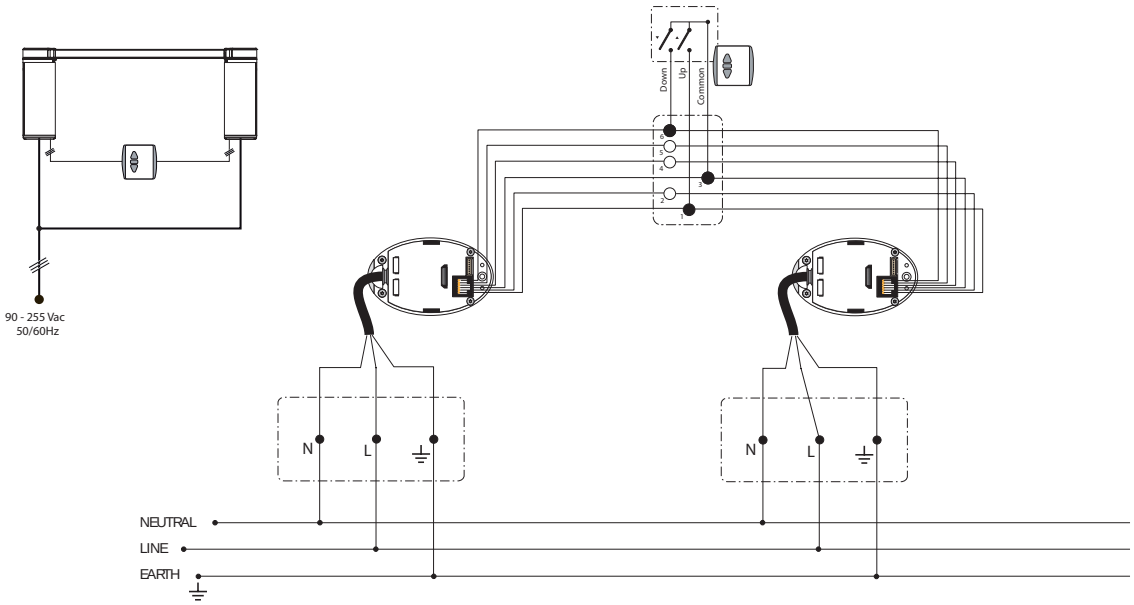


Used fixed position (maintained) AC switches. Do contact Somfy when using electronic switching control devices

3. Glydea™ tandem wiring.

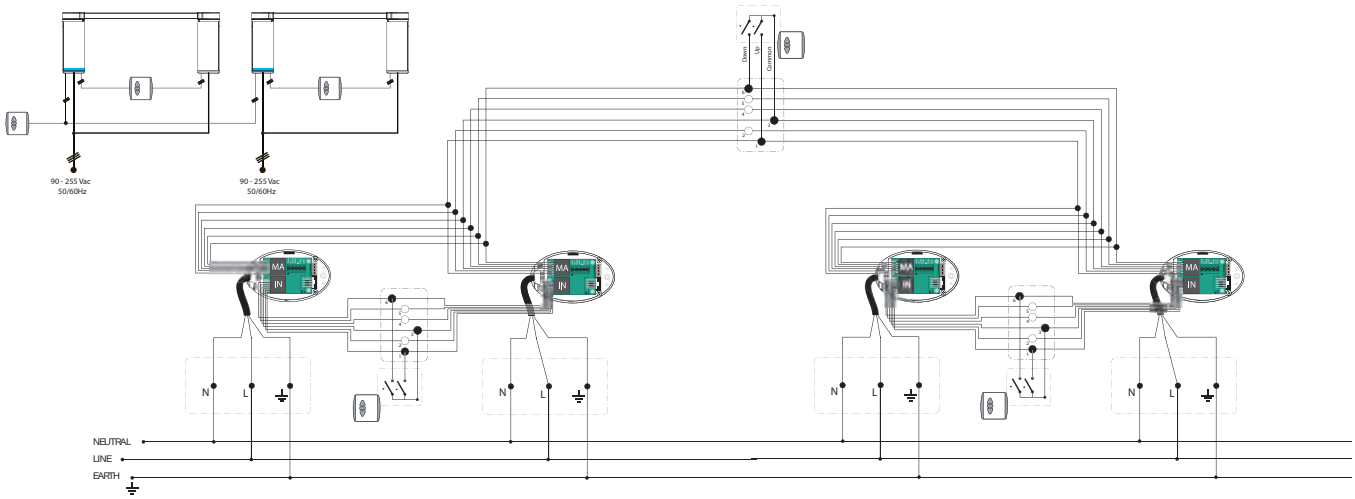
DCT individual control with Somfy switch.

DRY CONTACT



DCT group control + DCT individual control with Somfy switches.

DRY CONTACT

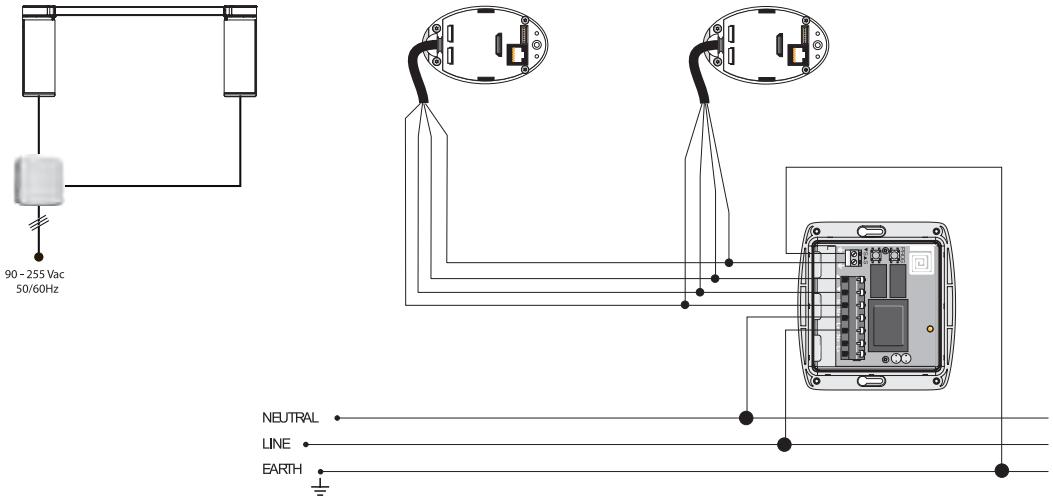


⚠ NUMBER OF DCT MOTOR & LENGTH OF CONTROL LINE LIMITATIONS:

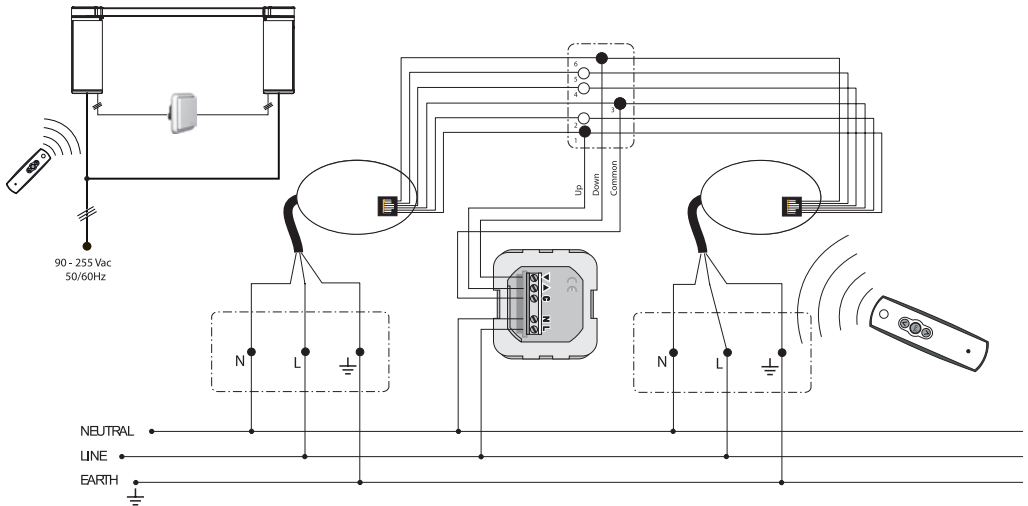
Wire cross section	Maximum length of cable	Maximum number of motors
Modular cable AWG 24	100m	10
0.75mm²	200m	20

3. Glydea™ tandem wiring.

Individual RTS control with universal RTS receiver.



RTS individual control with dry contacts RTS receiver.



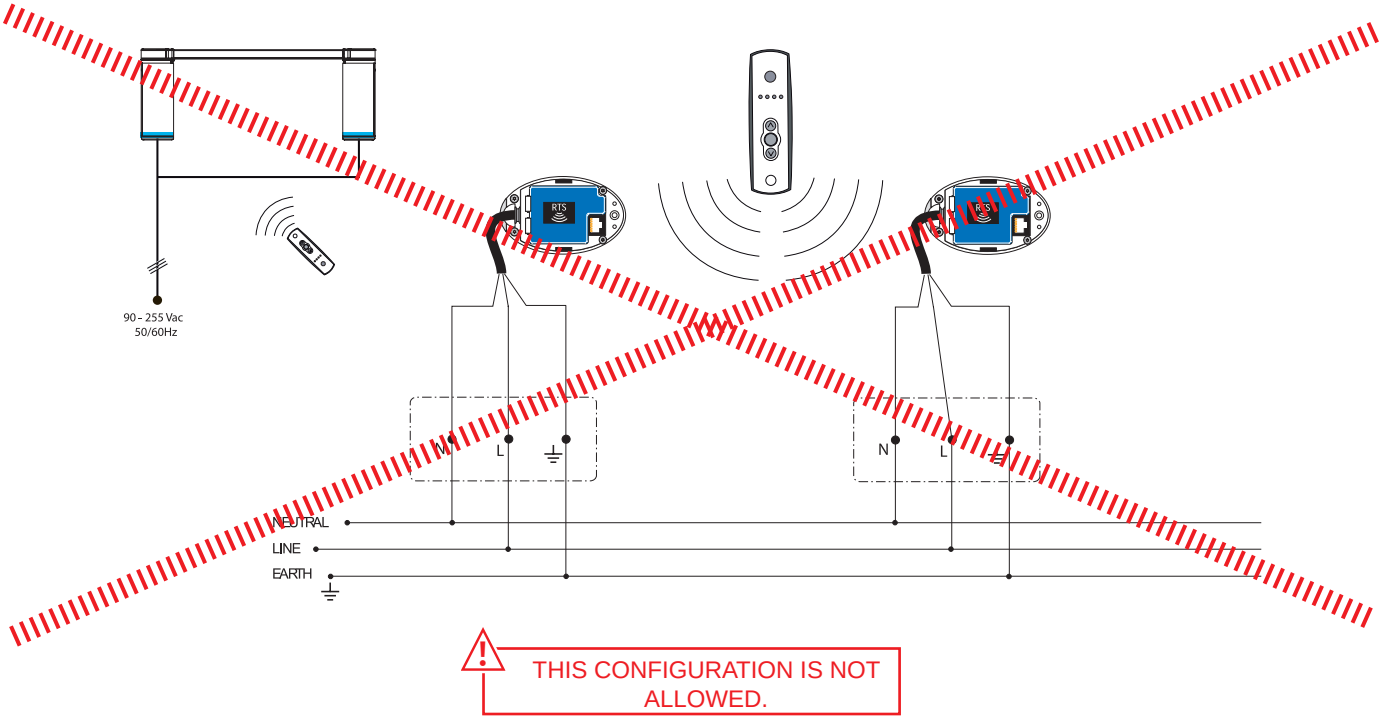
NUMBER OF DCT MOTOR & LENGTH OF CONTROL LINE LIMITATIONS:

Wire cross section	Maximum length of cable	Maximum number of motors
Modular cable AWG 24	100m	10
0.75mm²	200m	20

SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

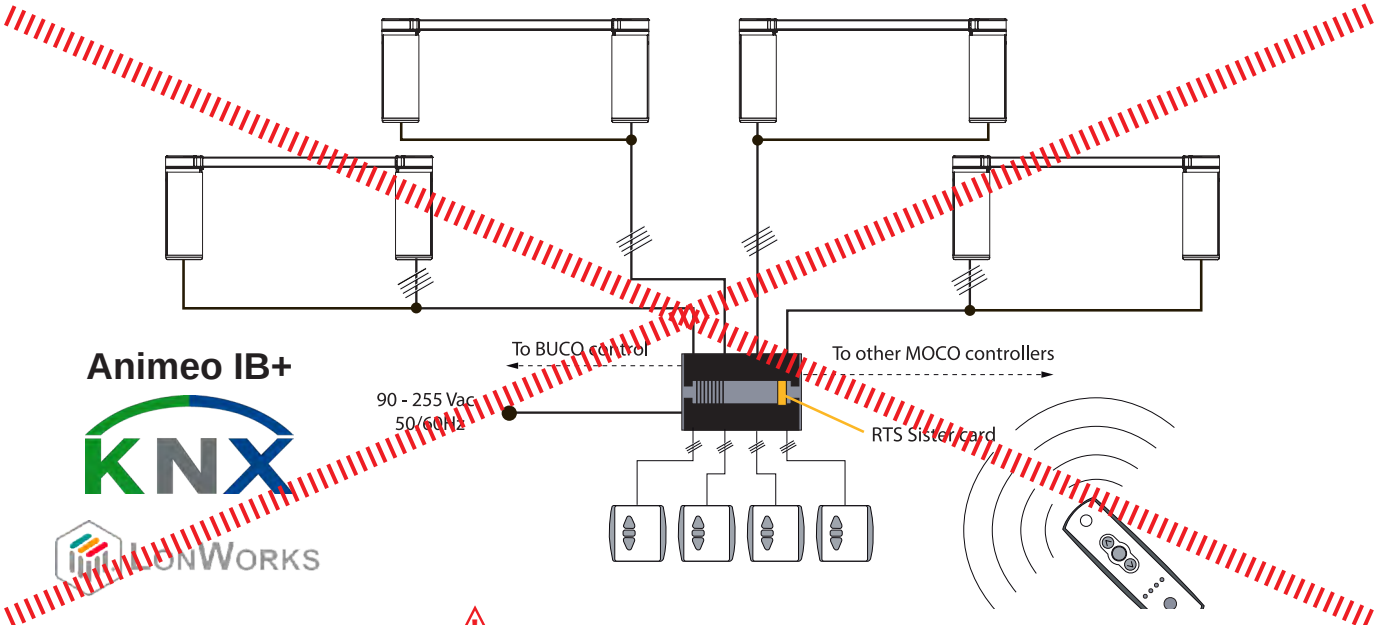
3. Glydea™ tandem wiring.

RTS individual control with embeded receiver.



THIS CONFIGURATION IS NOT ALLOWED.

Animeo group control BUCO, MOCCO & DCT individual control.



THIS CONFIGURATION IS NOT ALLOWED.

Part 4

Installation & setting instruction

- Glydea Ultra 35e & 60 e WT, DCT & RTS installation guide.
- Up side down mounting installation guide.

www.somfy.com

Glydea Ultra WT

EN INSTRUCTIONS
FR NOTICE
DE ANLEITUNG
NL HANDLEIDING
IT MANUALE
ES GUÍA
PT INSTRUÇÕES
EL ΕΓΧΕΙΡΙΔΙΟ
DA BRUGSVEJLEDNING
FI KÄYTTÖOHJE
SV BRUKSANVISNING
NO BRUKSANVISNING
PL INSTRUKCJA
RU РУКОВОДСТВО
HU ÚTMUTATÓ
HR UPUTE
SR UPUTSTVA
CS NÁVOD
RO INSTRUCȚIUNI
ZH 说明
JP 操作&取付説明書
KO 사용 설명서
TR TALIMATLAR
AR التعليمات

Ref. 5037611B

somfy®

SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

4. Glydea™ Ultra WT installation guide.

Part 4

EN

These instructions apply to all Glydea Ultra WT motors, in all torque/speed.

CONTENTS

1. Prerequisite information 2
1.1 Fields of application 2
1.2 liability 2
2. Installation 4
2.1. Installation 4
2.2. Wiring 4
2.3. Commissioning 4
2.4. Tips and recommendations for installation 5
3. Use and maintenance 5
3.1. Open and Close buttons 5
3.2. STOP function 5
3.3. Tips and recommendations for use 5
4. Technical data 5

1. PREREQUISITE INFORMATION

1.1 FIELDS OF APPLICATION

The Glydea Ultra motor is designed to drive all types of curtain track.
Glydea Ultra is a bi-directional motor. By adding module, it be able to integrated into smart room system, refer Somfy contact or system integrator for details.

1.2 LIABILITY
MANDATORY SAFETY INSTRUCTIONS

Any use outside the scope of application specified by SOMFY is non-compliant. SOMFY cannot be held liable for any such use or failure to observe these instructions, which will also result in warranty being voided. Should any doubt arise during installation of the drive or in order to obtain additional information, please visit the www.Somfy.com website or refer to your SOMFY contact.

IMPORTANT SAFETY INSTRUCTIONS FOR INSTALLATION
WARNING: Important safety instructions. Follow all instructions, since incorrect installation can lead to severe injury.
Please give these instructions to the user after installation.
The drive must be installed by an installer who is qualified in driveised systems and domestic automation.
The installer must inform the user of the need to arrange maintenance for the driveised unit and its associated accessories. He must specify items that require maintenance, replacement or checking.
Ensure that the weight and dimension of the product to be driveised are compatible with the rated torque and rated operating time. These information are available from your Somfy contact.

Use only accessories (Curtain track, brackets, etc.) listed by SOMFY to fit to a unit. Part numbers for accessories are available from your SOMFY contact.
Please refer to the SOMFY literature to ascertain the control point(s) compatible with the actuator selected.
Fixed controls shall be clearly visible after installation.
A suitable multi-pole switching device must be incorporated upstream in the fixed wiring in accordance with the wiring rules.

Copyright © 2019 SOMFY ACTIVITES SA, Société Anonyme. All rights reserved.

SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

4. Glydea™ Ultra WT installation guide.

EN

If the supply cord is damaged, it must be replaced by an identical cord. If the cord is not removable, return the drive to after sales department to avoid a hazard.
To reduce the risk of electric shock, this equipment must have a proper grounding. Some Drives versions are supplied with a grounding type plug, that has a third (grounding) pin. This plug will only fit into a grounding type outlet. If the plug does not fit into the outlet, contact a qualified electrician to install the proper outlet. Do not change the plug in any way.

The actuating member of a biased-off switch is to be located within direct sight of the driven part but away from moving parts. It is to be installed at a minimum height of 1,5 m and not accessible to the public.

IMPORTANT SAFETY INSTRUCTIONS
WARNING: Important safety instructions. It is important for the safety of persons to follow these instructions.
Save these instructions.

-Your installer should inform you of any maintenance required.
Do not allow children to play with fixed controls. Keep remote controls away from children.
Watch the driveised installation while it is moving and keep people away until the driveised installation is fully extended.
The drive shall be disconnected from its power source during cleaning, maintenance and when replacing parts.
Frequently examine the installation for imbalance and signs of wear or damage to cables and springs. Do not use if repair or adjustment is necessary.
This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
Cleaning and user maintenance shall not be made by children without supervision.
Children shall not play with the appliance.
Before installing the drive, remove any unnecessary cords and disable any equipment not needed for powered operation.
If the drive is fitted with a manual release, install its actuating member at a height less than 1,8 m.
LpA ≤70 dB(A).

CE SOMFY ACTIVITES SA, F-74300 CLUSES as manufacturer hereby declares that the drive covered by these instructions when marked for input voltage 230V~50Hz and used as intended according to these instructions, is in compliance with the essential requirements of the applicable European Directives and in particular of the Machinery Directive 2006/42/EC and EMC Directive 2014/30/EU.
The full text of the EU declaration of conformity is available at www.somfy.com/ce.
Antoine Creze, Approval manager, acting on behalf of Activity director, Cluses, 09/2017

Copyright © 2019 SOMFY ACTIVITES SA, Société Anonyme. All rights reserved.

SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

If the supply cord is damaged, it must be replaced by an identical cord. If the cord is not removable, return the drive to after sales department to avoid a hazard.
To reduce the risk of electric shock, this equipment must have a proper grounding. Some Drives versions are supplied with a grounding type plug, that has a third (grounding) pin. This plug will only fit into a grounding type outlet. If the plug does not fit into the outlet, contact a qualified electrician to install the proper outlet. Do not change the plug in any way.

The actuating member of a biased-off switch is to be located within direct sight of the driven part but away from moving parts. It is to be installed at a minimum height of 1,5 m and not accessible to the public.

IMPORTANT SAFETY INSTRUCTIONS
WARNING: Important safety instructions. It is important for the safety of persons to follow these instructions.
Save these instructions.

-Your installer should inform you of any maintenance required.
Do not allow children to play with fixed controls. Keep remote controls away from children.
Watch the driveised installation while it is moving and keep people away until the driveised installation is fully extended.
The drive shall be disconnected from its power source during cleaning, maintenance and when replacing parts.
Frequently examine the installation for imbalance and signs of wear or damage to cables and springs. Do not use if repair or adjustment is necessary.
This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
Cleaning and user maintenance shall not be made by children without supervision.
Children shall not play with the appliance.
Before installing the drive, remove any unnecessary cords and disable any equipment not needed for powered operation.
If the drive is fitted with a manual release, install its actuating member at a height less than 1,8 m.
LpA ≤70 dB(A).

CE SOMFY ACTIVITES SA, F-74300 CLUSES as manufacturer hereby declares that the drive covered by these instructions when marked for input voltage 230V~50Hz and used as intended according to these instructions, is in compliance with the essential requirements of the applicable European Directives and in particular of the Machinery Directive 2006/42/EC and EMC Directive 2014/30/EU.
The full text of the EU declaration of conformity is available at www.somfy.com/ce.
Antoine Creze, Approval manager, acting on behalf of Activity director, Cluses, 09/2017

Copyright © 2019 SOMFY ACTIVITES SA, Société Anonyme. All rights reserved.

SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

EN

2.3.2. Modifying the drive rotation direction
1) Press the S button to reverse the rotation direction.
Green LED ON = Open/CCW, Green LED blinking = Open/CW
2) Press the M button to confirm the change and go to the next step. The red light is on.

2.3.3. Back release setting
Move the curtain to the OPEN (UP) end limit
1) Press the S button in sequencing mode to adjust the back release position.
2) Press the M button to confirm the new back release position.
The LED flashes alternatively from green to red and the curtain starts to open and close.

2.3.4. SILENT or HI-SPEED mode
On the motor you can switch from the silent mode to the Hi-speed mode by sliding the "selector" from SILENT to Hi-SPEED. In silent mode, the motor speed is 7.5cm/s. And in hi speed mode, the speed can be adjustable, refer 2.3.5 for details.

2.3.5. Speed setting
1) Press the S button to switch the speed from 12.5 cm/s - 15 cm/s (default speed) - 17.5 cm/s - 20 cm/s and back to 12,5 cm/S
2) Press the M button to confirm and go back to direction setting.The green LED is on or blinking.

2.4. TIPS AND RECOMMENDATIONS FOR INSTALLATION

2.4.1. Questions about the Glydea Ultra?

Observations	Possible causes	Solutions
The motorised product does not operate.	The wiring is incorrect.	Check and reconnect the power supply
	The control point is not compatible.	Check for compatibility and replace the control point if necessary.

2.4.2. Erasing the memory of the motor (Fig G)
Press the S button until the motorised product moves 3 times.
All the settings are erased.

3. USE AND MAINTENANCE

This drive is maintenance-free

3.1. OPEN AND CLOSE BUTTONS (Fig H)

Pressing the Open or Close button fully opens or closes the motorised product.

3.2. STOP FUNCTION (Fig I)

The motorised product is moving.
Briefly press Stop: the motorised product stops automatically.

3.3. TIPS AND RECOMMENDATIONS FOR USE

3.3.1. Questions about the Glydea Ultra?

Observations	Possible causes	Solutions
The motorised product does not operate.	The motorisation is in thermal protection mode.	Wait for the motor to cool down.

If the motorised product still does not work, contact a motorisation and home automation professional.

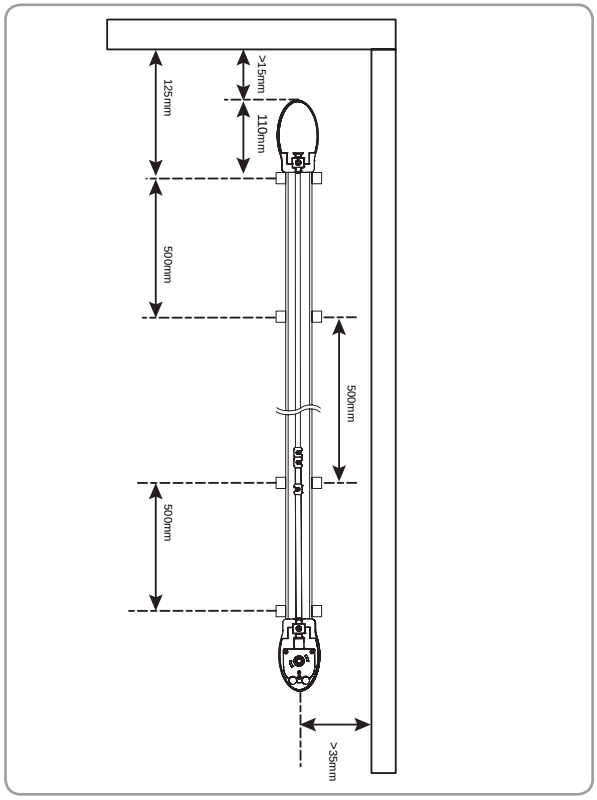
4. TECHNICAL DATA

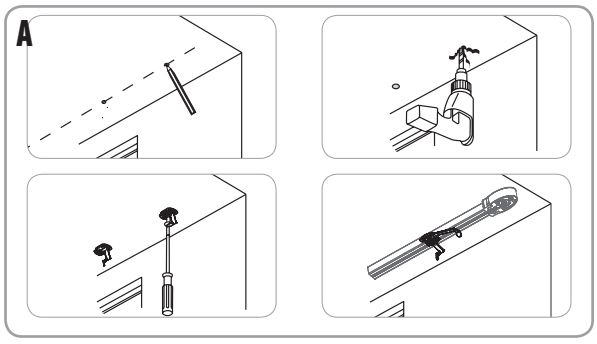
Power supply	100V - 240V
Operating temperature	0°C to + 60°C
Index protection rating	IP 30
Safety level	Class I

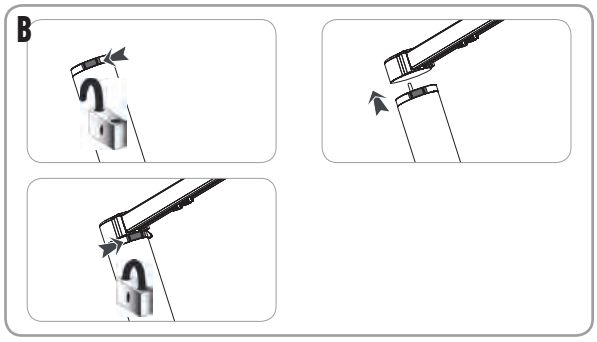
Copyright © 2019 SOMFY ACTIVITES SA, Société Anonyme. All rights reserved.

SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

4. Glydea™ Ultra WT installation guide.



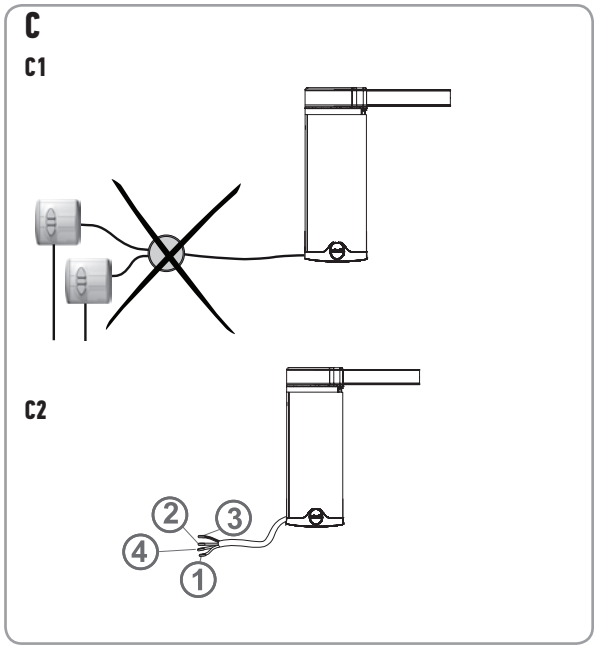


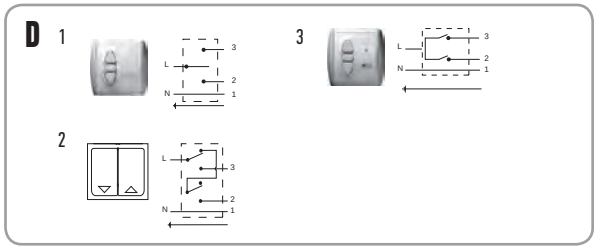


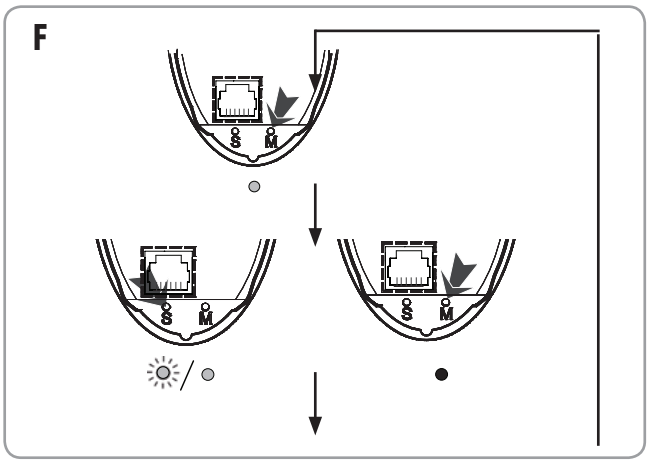
Copyright © 2019 SOMFY ACTIVITES SA, Société Anonyme. All rights reserved.

SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

4. Glydea™ Ultra WT installation guide.



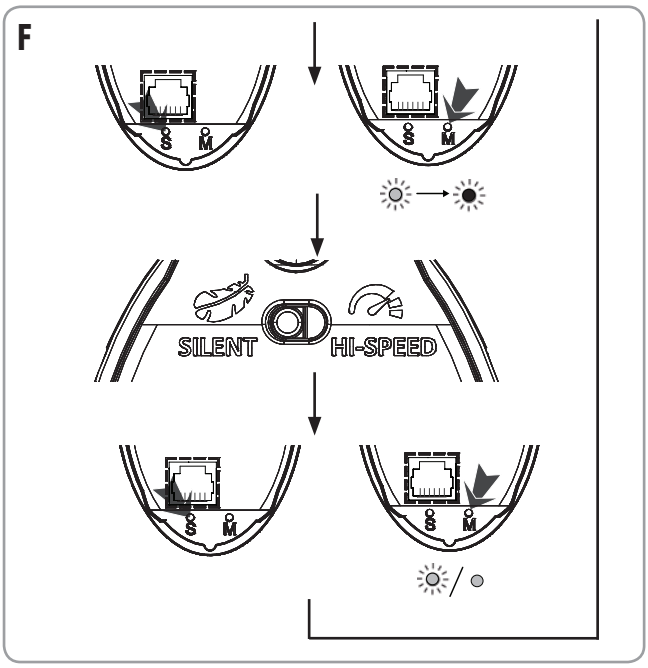


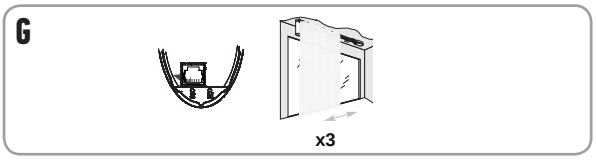


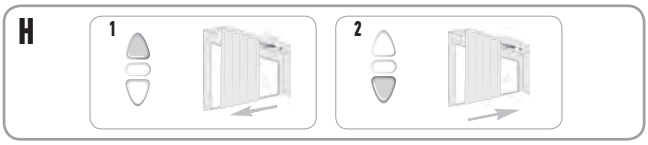
Copyright © 2019 SOMFY ACTIVITES SA, Société Anonyme. All rights reserved.

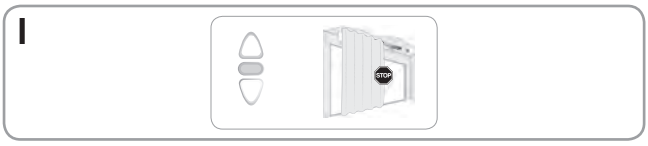
SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

4. Glydea™ Ultra WT installation guide.









Copyright © 2019 SOMFY ACTIVITES SA, Société Anonyme. All rights reserved.

SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

www.somfy.com

Glydea Ultra DCT

EN INSTRUCTIONS
FR NOTICE
DE ANLEITUNG
NL HANDLEIDING
IT MANUALE
ES GUÍA
PT INSTRUÇÕES
EL ΕΓΧΕΙΡΙΔΙΟ
DA BRUGSVEJLEDNING
FI KÄYTTÖOHJE
SV BRUKSANVISNING
NO BRUKSANVISNING
PL INSTRUKCJA
RU РУКОВОДСТВО
HU ÚTMUTATÓ
HR UPUTE
SR UPUTSTVA
CS NÁVOD
RO INSTRUCȚIUNI
ZH 说明
JP 操作&取付説明書
KO 사용 설명서
TR TALIMATLAR
AR التعليمات

Ref. 5037610B

somfy®

SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

4. Glydea™ Ultra DCT installation guide.

EN

These instructions apply to all Glydea Ultra DCT motors, in all torque/speed.

CONTENTS

1. Prerequisite information 2
1.1 Fields of application 2
1.2 liability 2
2. Installation 4
2.1. Installation 4
2.2. Wiring 4
2.3. Commissioning 5
2.4. Tips and recommendations for installation 5
3. Use and maintenance 6
3.1. Open and Close buttons 6
3.2. STOP function 6
3.3. Favourite position (my) 6
3.4. Additional settings 6
3.5. Tips and recommendations for use 6
4. Technical data 6

1. PREREQUISITE INFORMATION

1.1 FIELDS OF APPLICATION

The Glydea Ultra motor is designed to drive all types of curtain track.
Glydea Ultra is a bi-directional motor. By adding module, it be able to integrated into smart room system, refer Somfy contact or system integrator for details.

1.2 LIABILITY

MANDATORY SAFETY INSTRUCTIONS

Any use outside the scope of application specified by SOMFY is non-compliant. SOMFY cannot be held liable for any such use or failure to observe these instructions, which will also result in warranty being voided. Should any doubt arise during installation of the drive or in order to obtain additional information, please visit the www.Somfy.com website or refer to your SOMFY contact.

IMPORTANT SAFETY INSTRUCTIONS FOR INSTALLATION
WARNING: Important safety instructions. Follow all instructions, since incorrect installation can lead to severe injury.
Please give these instructions to the user after installation.
The drive must be installed by an installer who is qualified in driveised systems and domestic automation.
The installer must inform the user of the need to arrange maintenance for the driveised unit and its associated accessories. He must specify items that require maintenance, replacement or checking.
Ensure that the weight and dimension of the product to be driveised are compatible with the rated torque and rated operating time. These information are available from your Somfy contact.

Use only accessories (Curtain track, brackets, etc.) listed by SOMFY to fit to a unit. Part numbers for accessories are available from your SOMFY contact.
Please refer to the SOMFY literature to ascertain the control point(s) compatible with the actuator selected.
Fixed controls shall be clearly visible after installation.
A suitable multi-pole switching device must be incorporated upstream in the fixed wiring in accordance with the wiring rules.

Copyright © 2019 SOMFY ACTIVITES SA, Société Anonyme. All rights reserved.

SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

4. Glydea™ Ultra DCT installation guide.

EN

If the supply cord is damaged, it must be replaced by an identical cord. If the cord is not removable, return the drive to after sales department to avoid a hazard.
To reduce the risk of electric shock, this equipment must have a proper grounding. Some Drives versions are supplied with a grounding type plug, that has a third (grounding) pin. This plug will only fit into a grounding type outlet. If the plug does not fit into the outlet, contact a qualified electrician to install the proper outlet. Do not change the plug in any way.

The actuating member of a biased-off switch is to be located within direct sight of the driven part but away from moving parts. It is to be installed at a minimum height of 1,5 m and not accessible to the public.

IMPORTANT SAFETY INSTRUCTIONS
WARNING: Important safety instructions. It is important for the safety of persons to follow these instructions.
Save these instructions.

-Your installer should inform you of any maintenance required.
Do not allow children to play with fixed controls. Keep remote controls away from children.
Watch the driveised installation while it is moving and keep people away until the driveised installation is fully extended.
The drive shall be disconnected from its power source during cleaning, maintenance and when replacing parts.
Frequently examine the installation for imbalance and signs of wear or damage to cables and springs. Do not use if repair or adjustment is necessary.
This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
Cleaning and user maintenance shall not be made by children without supervision.
Children shall not play with the appliance.
Before installing the drive, remove any unnecessary cords and disable any equipment not needed for powered operation.
If the drive is fitted with a manual release, install its actuating member at a height less than 1,8 m.
LpA ≤70 dB(A).

CE SOMFY ACTIVITES SA, F-74300 CLUSES as manufacturer hereby declares that the drive covered by these instructions when marked for input voltage 230V~50Hz and used as intended according to these instructions, is in compliance with the essential requirements of the applicable European Directives and in particular of the Machinery Directive 2006/42/EC and EMC Directive 2014/30/EU.
The full text of the EU declaration of conformity is available at www.somfy.com/ce.
Antoine Creze, Approval manager, acting on behalf of Activity director, Cluses, 06/2017

Safety warning! Caution! Information

For the illustration, see page 122.

Copyright © 2019 SOMFY ACTIVITES SA, Société Anonyme. All rights reserved.

SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

4. Glydea™ Ultra DCT installation guide.

EN

2. INSTALLATION

Instructions which **must** be followed by the drive and home automation professional installing the Glydea Ultra motor.
Never drop, knock, drill or submerge the drive.
Install a separate control point for each drive.

2.1. INSTALLATION

2.1.1. Installation of the rail (Fig A)
1) Mark the position of the brackets.
2) Drill the ceiling or the wall at the right places.
3) Attach the brackets.
4) Attach the rail on the brackets.

2.1.2. Installation of the motor (Fig B)
1) Unlock the motor
2) Insert the motor shaft into the drive pulley hole.
3) Lock the motor.

2.2. WIRING (Fig C)

Cables which pass through a metal wall must be protected and isolated using a sheath or sleeve.
Attach cables to prevent any contact with moving parts.
Leave the drive power supply cable accessible: it must be possible to replace it easily.

- Switch off the power supply.
- Connect the drive according to the information in the table below:

AC wiring (Fig C1)

	Wire	100V to 240V
1	Neutral	Blue
2	Live	Brown
3	Earth	Yellow / Green

DCT wiring (Fig C2)

1	CCW (Open) NO Dry contact	4	
2		5	Stop - NO Dry contact
3	Ground Common	6	CW (Close) NO Dry contact

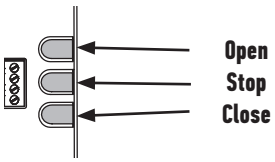
Drives equipped with a US power plug (Fig C3)

Compatible controls - Wiring of control (Fig D)

1) Setting tool
2) Centralis IB
3) 2 NO (Normally Open) Dry contact switch

2.3. COMMISSIONING

DCT Setting tool



Copyright © 2019 SOMFY ACTIVITES SA, Société Anonyme. All rights reserved.

SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

EN

2.3.1. Setting the end limits
1) Switch on the power supply.
2) After the first **Open** or **Close** command, the motorised product will run at reduced speed to one end, then the other, to set the End Stops.

2.3.2. Checking the direction of rotation (Fig E)
Move the curtain away from the end limits.
1) Press the **Open** button on the control point:
a) If the motorised product opens (a), the direction of rotation is correct.
b) If the motorised product closes (b), the direction of rotation is incorrect: Move onto the next step.
2) Press the **Open** , **Stop** and **Close** buttons simultaneously until the motorised product moves
3) Press the **Stop** button until the motorised product moves, to reverse the rotation direction.
4) Press the **Open** button on the control point to check the direction of rotation.

2.3.3. Adjusting the Touch motion sensitivity (Fig F)
1) Press the **Open**, **Stop** and **Close** buttons of the control point simultaneously until the motorised product moves.
2) Press the **Open** and **Close** buttons simultaneously until the motorised product moves to switch from high sensitivity, to low sensitivity, to no touch motion, and back to high sensitivity.
3) Press the **Stop** button until the motorised product moves to confirm the setting.

2.3.4. SILENT or HI-SPEED mode (Fig G)
On the motor you can switch from the silent mode to the Hi-speed mode by sliding the "selector" from SILENT to Hi-SPEED. In silent mode, the motor speed is 7.5cm/s. And in hi speed mode, the speed can be adjustable, refer 2.3.5 for details.

2.3.5. Adjusting the HI-SPEED (Fig H)
1) Press the **Open** and **Stop** buttons simultaneously until the motorised product moves.
2) Press the **Open** button to increase the speed, and the **Close** button to decrease the speed.
There are 4 speed options: 12.5 cm/s - 15 cm/s (default speed) - 17.5 cm/s - 20 cm/s.
3) Press the **Stop** button until the motorised product moves to confirm the setting.

2.3.6. Dry contact ergonomics setting : Standard or 2 buttons sequencing (Fig I)
1) Press the **Open**,**Stop** and **Close** buttons of the control point simultaneously until the motorised product moves.
2) Press the **Stop** and **Close** buttons of the control point simultaneously until the motorised product moves to change the ergonomics.

2.4. TIPS AND RECOMMENDATIONS FOR INSTALLATION

2.4.1. Questions about the Glydea Ultra?

Observations	Possible causes	Solutions
The motorised product does not operate.	The wiring is incorrect.	Check and reconnect the power supply
	The control point is not compatible.	Check for compatibility and replace the control point if necessary.

2.4.2. Re-setting the end limits
Readjusting the Open end limit (Fig J)
1) Press the **Open** button to move the motorised product to the end limit to be readjusted.
2) Press the **Open**, **Stop** and **Close** buttons of the control point simultaneously until the motorised product moves.
3) Press the **Open** or **Close** button to move the motorised product to the new desired position.
4) To confirm the new end limit, press the **Stop** button until the motorised product moves.

Readjusting the Close end limit (Fig K)
1) Press the **Close** button to move the motorised product to the end limit to be readjusted.
2) Press the **Open**, **Stop** and **Close** buttons of the control point simultaneously until the motorised product moves.
3) Press the **Open** or **Close** button to move the motorised product to the new desired position.
4) To confirm the new end limit, press the **Stop** button until the motorised product moves.

2.4.3. Erasing the memory of the motor (Fig L)
Press and hold the **Open**, **Stop** and **Close** buttons simultaneously until the motorised product moves 3 times.
All the settings are erased.

Copyright © 2017 SOMFY ACTIVITES SA, Société Anonyme. All rights reserved.

SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

EN

3. USE AND MAINTENANCE

This drive is maintenance-free

3.1. OPEN AND CLOSE BUTTONS (Fig M)

Pressing the **Open** or **Close** button fully opens or closes the motorised product.

3.2. STOP FUNCTION (Fig N)

The motorised product is moving.
Briefly press **Stop**: the motorised product stops automatically.

3.3. FAVOURITE POSITION (my) (Fig O)

The motorised product is stopped.
Briefly press **my/Stop**: the motorised product starts to move, and stops in the favourite position (my).
To modify or delete the favourite (my) position, see the section entitled "Additional settings"

3.4. ADDITIONAL SETTINGS

3.4.1. Recording the favourite position (my) (Fig P)
1) Press **Open** or **Close** to move the motorised product to the desired favourite postion (my)".
2) Press **Stop** until the motorised product moves: the desired favourite position (my) has been programmed.
3.4.2. Deleting the favourite position (my) (Fig Q)
1) Press **Stop**: the motorised product starts to move, and stops in the favourite position (my).
2) Press **Stop** again until the motorised product moves: the favourite position (my) is deleted.

3.5. TIPS AND RECOMMENDATIONS FOR USE

3.5.1. Questions about the Glydea Ultra?

Observations	Possible causes	Solutions
The motorised product does not operate.	The motorisation is in thermal protection mode.	Wait for the motor to cool down.

If the motorised product still does not work, contact a motorisation and home automation professional.

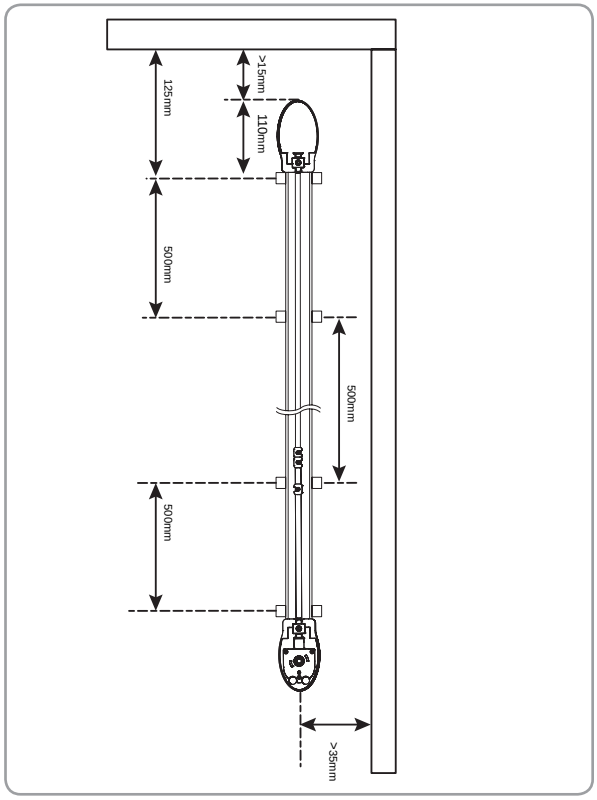
4. TECHNICAL DATA

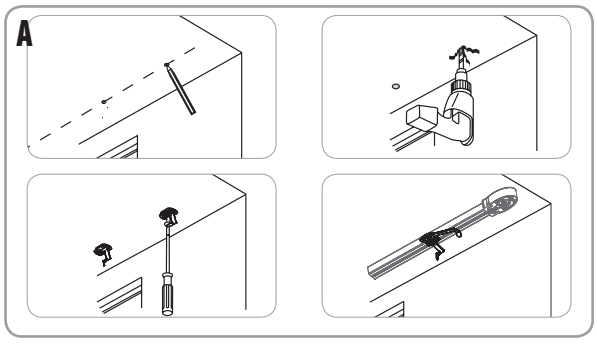
Power supply	100V - 240V
Operating temperature	0°C to + 60°C
Index protection rating	IP 30
Safety level	Class I

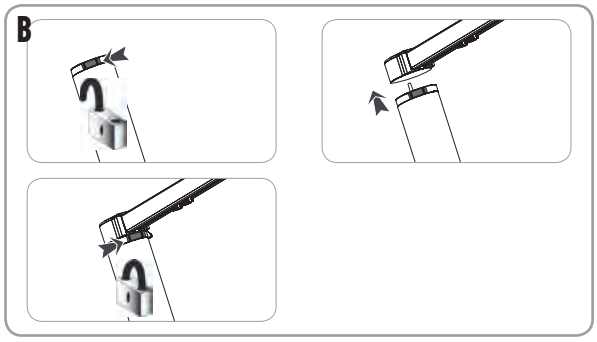
Copyright © 2019 SOMFY ACTIVITES SA, Société Anonyme. All rights reserved.

SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

4. Glydea™ Ultra DCT installation guide.



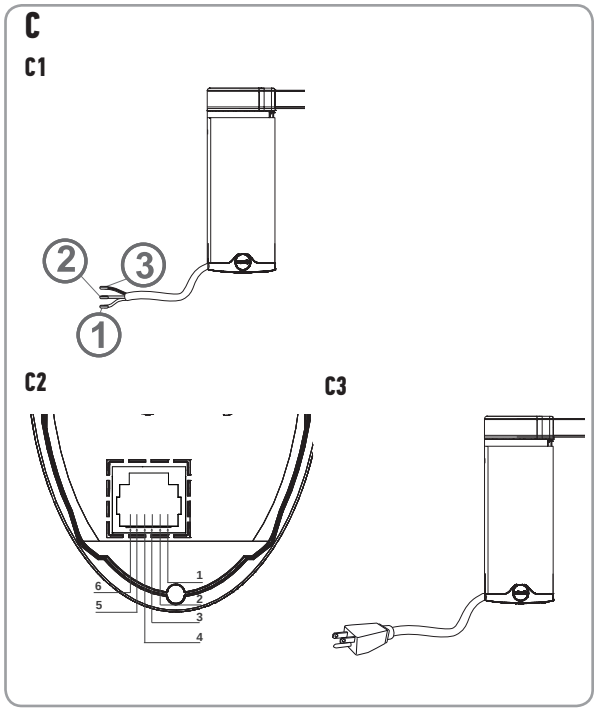


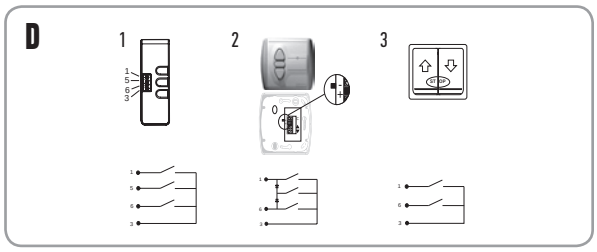


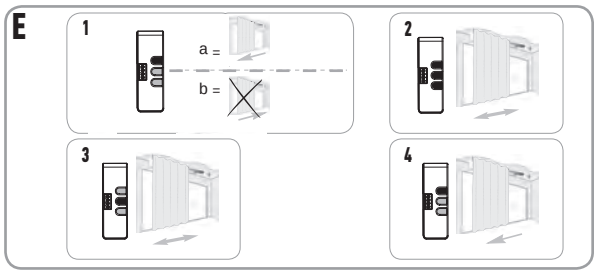
Copyright © 2019 SOMFY ACTIVITES SA, Société Anonyme. All rights reserved.

SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

4. Glydea™ Ultra DCT installation guide.



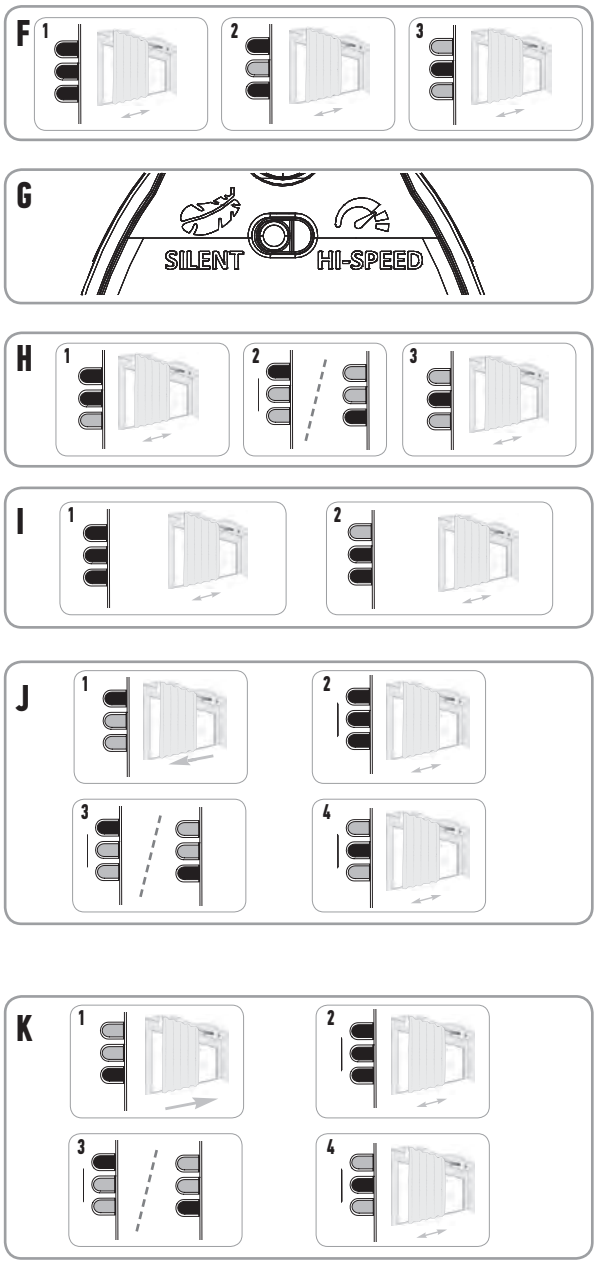




Copyright © 2019 SOMFY ACTIVITES SA, Société Anonyme. All rights reserved.

SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

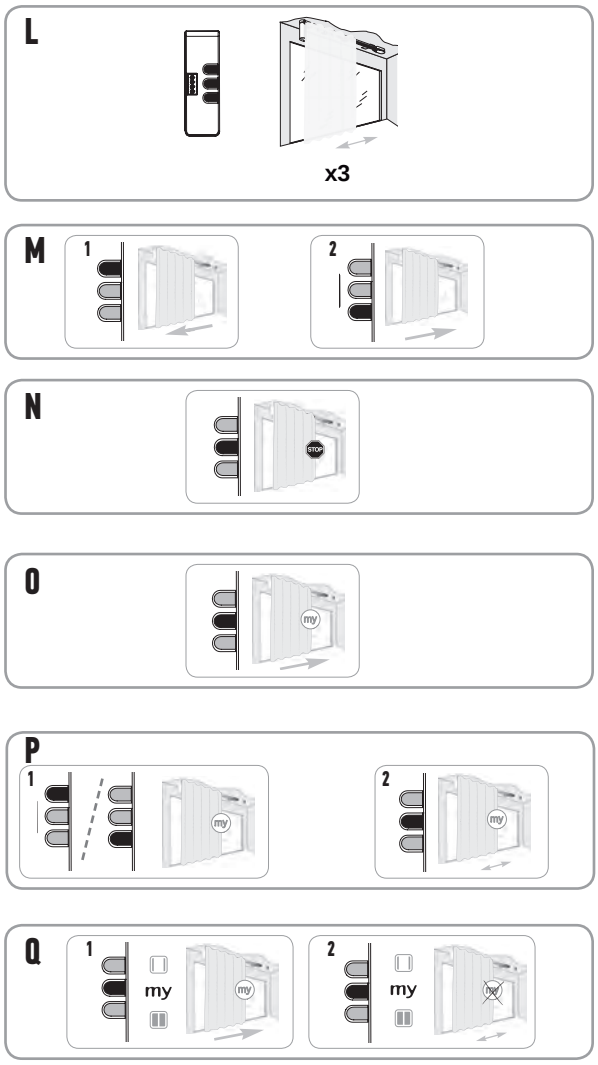
4. Glydea™ Ultra DCT installation guide.



Copyright © 2019 SOMFY ACTIVITES SA, Société Anonyme. All rights reserved.

SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

4. Glydea™ Ultra DCT installation guide.



Copyright © 2019 SOMFY ACTIVITES SA, Société Anonyme. All rights reserved.

SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

www.somfy.com

Glydea Ultra RTS

EN INSTRUCTIONS
FR NOTICE
DE ANLEITUNG
NL HANDLEIDING
IT MANUALE
ES GUÍA
PT INSTRUÇÕES
EL ΕΓΧΕΙΡΙΔΙΟ
DA BRUGSVEJLEDNING
FI KÄYTTÖOHJE
SV BRUKSANVISNING
NO BRUKSANVISNING
PL INSTRUKCJA
RU РУКОВОДСТВО
HU ÚTMUTATÓ
HR UPUTE
SR UPUTSTVA
CS NÁVOD
RO INSTRUCȚIUNI
ZH 说明
JP 操作&取付説明書
KO 사용 설명서
TR TALIMATLAR
AR التعليمات

Ref. 5037612B

somfy®

SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

4. Glydea™ Ultra RTS installation guide.

Part 4

EN

These instructions apply to all Glydea Ultra RTS motors, in all torque/speed.

CONTENTS

1. Prerequisite information 2
1.1 Fields of application 2
1.2 liability 2
2. Installation 4
2.1. Installation 4
2.2. Wiring 4
2.3. Commissioning 4
2.4. Tips and recommendations for installation 5
3. Use and maintenance 6
3.1. Open and Close buttons 6
3.2. STOP function 6
3.3. Favourite position (my) 6
3.4. Additional settings 6
3.5. Tips and recommendations for use 6
4. Technical data 6

1. PREREQUISITE INFORMATION

1.1 FIELDS OF APPLICATION

The Glydea Ultra motor is designed to drive all types of curtain track.
Glydea Ultra is a bi-directional motor. By adding module, it be able to integrated into smart room system, refer Somfy contact or system integrator for details.

1.2 LIABILITY
MANDATORY SAFETY INSTRUCTIONS

Any use outside the scope of application specified by SOMFY is non-compliant. SOMFY cannot be held liable for any such use or failure to observe these instructions, which will also result in warranty being voided. Should any doubt arise during installation of the drive or in order to obtain additional information, please visit the www.Somfy.com website or refer to your SOMFY contact.

IMPORTANT SAFETY INSTRUCTIONS FOR INSTALLATION
WARNING: Important safety instructions. Follow all instructions, since incorrect installation can lead to severe injury.
Please give these instructions to the user after installation.
The drive must be installed by an installer who is qualified in driveised systems and domestic automation.
The installer must inform the user of the need to arrange maintenance for the driveised unit and its associated accessories. He must specify items that require maintenance, replacement or checking.
Ensure that the weight and dimension of the product to be driveised are compatible with the rated torque and rated operating time. These information are available from your Somfy contact.

Use only accessories (Curtain track, brackets, etc.) listed by SOMFY to fit to a unit. Part numbers for accessories are available from your SOMFY contact.
Please refer to the SOMFY literature to ascertain the control point(s) compatible with the actuator selected.
Fixed controls shall be clearly visible after installation.
A suitable multi-pole switching device must be incorporated upstream in the fixed wiring in accordance with the wiring rules.

Copyright © 2019 SOMFY ACTIVITES SA, Société Anonyme. All rights reserved.

SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

4. Glydea™ Ultra RTS installation guide.

EN

If the supply cord is damaged, it must be replaced by an identical cord. If the cord is not removable, return the drive to after sales department to avoid a hazard.
To reduce the risk of electric shock, this equipment must have a proper grounding. Some Drives versions are supplied with a grounding type plug, that has a third (grounding) pin. This plug will only fit into a grounding type outlet. If the plug does not fit into the outlet, contact a qualified electrician to install the proper outlet. Do not change the plug in any way.

The actuating member of a biased-off switch is to be located within direct sight of the driven part but away from moving parts. It is to be installed at a minimum height of 1,5 m and not accessible to the public.

IMPORTANT SAFETY INSTRUCTIONS
WARNING: Important safety instructions. It is important for the safety of persons to follow these instructions.
Save these instructions.

-Your installer should inform you of any maintenance required.
Do not allow children to play with fixed controls. Keep remote controls away from children.
Watch the driveised installation while it is moving and keep people away until the driveised installation is fully extended.
The drive shall be disconnected from its power source during cleaning, maintenance and when replacing parts.
Frequently examine the installation for imbalance and signs of wear or damage to cables and springs. Do not use if repair or adjustment is necessary.
This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
Cleaning and user maintenance shall not be made by children without supervision.
Children shall not play with the appliance.
Before installing the drive, remove any unnecessary cords and disable any equipment not needed for powered operation.
If the drive is fitted with a manual release, install its actuating member at a height less than 1,8 m.
LpA ≤70 dB(A).

CE SOMFY ACTIVITES SA, Société Anonyme, F-74300 CLUSES as manufacturer hereby declares that the drive covered by these instructions when marked for input voltage 230V-50Hz and used as intended according to these instructions, is in compliance with the essential requirements of the applicable European Directives and in particular of the Machinery Directive 2006/42/EC, and the Radio Directive 2014/53/EU.
The full text of the EU declaration of conformity is available at www.somfy.com/ce.
Antoine Creze, Approval manager, acting on behalf of Activity director, Cluses, 06/2017

Safety warning! Caution! Information

For the illustration, see page 122.

Copyright © 2019 SOMFY ACTIVITES SA, Société Anonyme. All rights reserved.

SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

4. Glydea™ Ultra RTS installation guide.

EN

2. INSTALLATION

Instructions which **must** be followed by the drive and home automation professional installing the Glydea Ultra motor.
Never drop, knock, drill or submerge the drive.
Install a separate control point for each drive.

2.1. INSTALLATION

2.1.1. Installation of the rail (Fig A)
1) Mark the position of the brackets.
2) Drill the ceiling or the wall at the right places.
3) Attach the brackets.
4) Attach the rail on the brackets.

2.1.2. Installation of the motor (Fig B)
1) Unlock the motor
2) Insert the motor shaft into the drive pulley hole.
3) Lock the motor.

2.2. WIRING (Fig C)

Cables which pass through a metal wall must be protected and isolated using a sheath or sleeve.
Attach cables to prevent any contact with moving parts.
Leave the drive power supply cable accessible: it must be possible to replace it easily.

- Switch off the power supply.
- Connect the drive according to the information in the table below:

AC wiring (Fig C1)

	Wire	100V to 240V
1	Neutral	Blue
2	Live	Brown
3	Earth	Yellow / Green

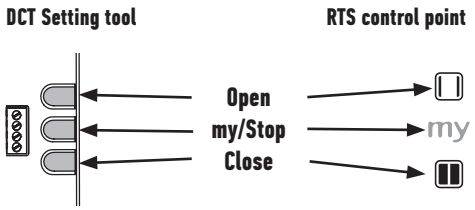
DCT wiring (Fig C2)

1	CCW (Open) NO Dry contact	4	
2		5	Stop - NO Dry contact
3	Ground Common	6	CW (Close) NO Dry contact

Drives equipped with a US power plug (Fig C3)

Compatible controls - Wiring of control (Fig D)
1) Setting tool
2) Centralis IB
3) 2 NO (Normally Open) Dry contact switch

2.3. COMMISSIONING



2.3.1. Pre-programming the RTS control point (only for RTS version) (Fig E)
1)Switch on the power supply
2) Press the **Open** and **Close** buttons on the RTS control point at the same time: The motorised product moves up and down, and the RTS control point is pre-programmed in the motor.

2.3.2. Setting the end limits
At the first command Open or Close, the motorised product make a first run to record the hard stop position.

Copyright © 2019 SOMFY ACTIVITES SA, Société Anonyme. All rights reserved.

SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

EN

2.3.3. Checking the direction of rotation (Fig F)
1) Press the **Open** button on the RTS control point:
a) If the motorised product opens (a), the direction of rotation is correct.
b) If the motorised product closes (b), the direction of rotation is incorrect: Move onto the next step.
2) Press the **my** button on the RTS control point until the motorised product moves: The direction of rotation has been modified.
3) Press the **Open** button on the RTS control point to check the direction of rotation.

2.3.4. Recording the RTS control point (Fig G)
Press the PROG button on the back of the control point until the motorised product moves. The remote control address is permanently recorded.

2.3.5. Adjusting the Touch motion sensitivity (Fig H)
By default Touch motion is set at high sensitivity, it can be changed by below steps:
1) Press the **Open** and **Close** buttons of the RTS control or the **Open**,**Stop** and **Close** buttons of the DCT setting tool point simultaneously until the motorised product moves.
2) Press the **Open** and **Close** buttons simultaneously until the motorised product moves to switch from high sensitivity, to low sensitivity, to no touch motion, and back to high sensitivity.
3) Press the **my** button until the motorised product moves to confirm the setting.

2.3.6. SILENT or HI-SPEED mode (Fig I)
On the motor you can switch from the silent mode to the Hi-speed mode by sliding the "selector" from SILENT to HI-SPEED. In silent mode, the motor speed is 7.5cm/s. And in HI-SPEED mode, the speed can be adjustable, refer 2.3.7 for details.

2.3.7. Adjusting the HI-SPEED (Fig J)
1) Press the **Open** and **my/Stop** buttons simultaneously until the motorised product moves.
2) Press the **Open** button to increase the speed, and the **Close** button to decrease the speed.
There are 4 speed options: 12.5 cm/s - 15 cm/s (default speed) - 17.5 cm/s - 20 cm/s.
3) Press the **my/Stop** button until the motorised product moves to confirm the setting.

2.3.8. Dry contact ergonomics setting : Standard or 2 buttons sequencing (Fig K)
1) Press the **Open**,**Stop** and **Close** buttons of the DCT setting tool simultaneously until the motorised product moves.
2) Press the **Stop** and **Close** buttons of the DCT setting tool simultaneously until the motorised product moves to change the ergonomics.

2.4. TIPS AND RECOMMENDATIONS FOR INSTALLATION

2.4.1. Questions about the Glydea Ultra ?

Observations	Possible causes	Solutions
The motorised product does not operate.	The wiring is incorrect.	Check and reconnect the power supply
	The control point battery is weak.	Check whether the battery is weak and replace it if necessary.
	The control point is not compatible.	Check for compatibility and replace the control point if necessary.
	The control point used has not been programmed into the motor.	Use a programmed control point or program this control point.

2.4.2. Re-setting the end limits
Readjusting the Open end limit (Fig L)
1) Press the **Open** button to move the motorised product to the end limit to be readjusted.
2) Press the **Open** and **Close** buttons of the RTS control point simultaneously until the motorised product moves.
3) Press the **Open** or **Close** button to move the motorised product to the new desired position.
4) To confirm the new end limit, press the **my/Stop** button until the motorised product moves.
Readjusting the Close end limit (Fig M)
1) Press the **Close** button to move the motorised product to the end limit to be readjusted.
2) Press the **Open** and **Close** buttons of the RTS control point simultaneously until the motorised product moves.
3) Press the **Open** or **Close** button to move the motorised product to the new desired position.
4) To confirm the new end limit, press the **my/Stop** button until the motorised product moves.

2.4.3. Erasing the control point from the memory of the motor (Fig N)
This reset deletes all the local control points, however the end limit settings and favourite position are retained.
To delete all the programmed control points, use a pin to press and hold the motor S button until the motorised product moves twice.
All the control points are deleted.

Copyright © 2019 SOMFY ACTIVITES SA, Société Anonyme. All rights reserved.

SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

EN

2.4.4. Erasing the memory of the motor (Fig O)
This reset deletes all control points, all the sensors and all the end limit settings, and resets the motor's favourite position (my).
To reset the motor, use a pin to press and hold the S button until the motorised product moves 3 times.
All the settings are erased.

3. USE AND MAINTENANCE

This drive is maintenance-free

3.1. OPEN AND CLOSE BUTTONS (Fig P)
Pressing the **Open** or **Close** button fully opens or closes the motorised product.

3.2. STOP FUNCTION (Fig Q)
The motorised product is moving.
Briefly press **my**: the motorised product stops automatically.

3.3. FAVOURITE POSITION (my) (Fig R)
The motorised product is stopped.
Briefly press **my**: the motorised product starts to move, and stops in the favourite position (my).
To modify or delete the favourite (my) position, see the section entitled "Additional settings"

3.4. ADDITIONAL SETTINGS
3.4.1. Recording the favourite position (my) (Fig S)
1) Press **Open** or **Close** to move the motorised product to the desired favourite postion (my)".
2) Press **my** until the motorised product moves: the desired favourite position (my) has been programmed.
3.4.2. Deleting the favourite position (my) (Fig T)
1) Press **my**: the motorised product starts to move, and stops in the favourite position (my).
2) Press **my** again until the motorised product moves: the favourite position (my) is deleted.
3.4.3. Adding/Deleting Somfy control points (Fig U)
1) Find an RTS control point programmed in the motor.
Press & hold the RTS programmed control point (A) PROG button or the receiver prog button until the motorised product moves, the motor is in programming mode.
2) Quickly press the RTS control point (B) PROG button to add or delete, the motorised product moves & the RTS control point (B) is programmed or deleted from the motor.
3.4.4. Modifying the motor rotation direction (Fig V)
Move the motorised product away from the end limits.
1) Press the **Open** and **Close** buttons of the RTS control point simultaneously until the motorised product moves.
2) Press the **my** button until the motorised product moves to reverse the rotation direction.

3.5. TIPS AND RECOMMENDATIONS FOR USE
3.5.1. Questions about the Glydea Ultra ?

Observations	Possible causes	Solutions
The motorised product does not operate.	The control point battery is weak.	Check whether the battery is weak and replace it if necessary.
	The motorisation is in thermal protection mode.	Wait for the motor to cool down.

If the motorised product still does not work, contact a motorisation and home automation professional.

3.5.2. Replacing a lost or broken Somfy control point
To replace a lost or broken control point, contact a Somfy motorisation and home automation professional.

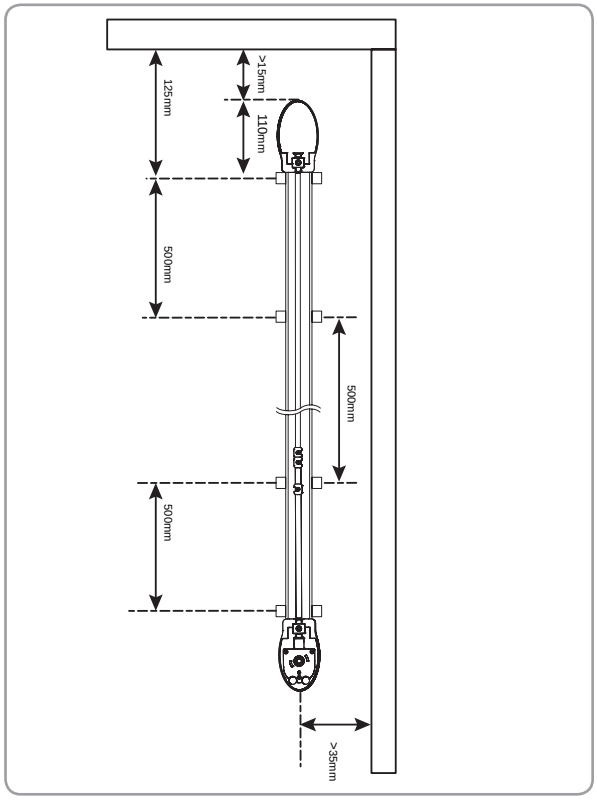
4. TECHNICAL DATA

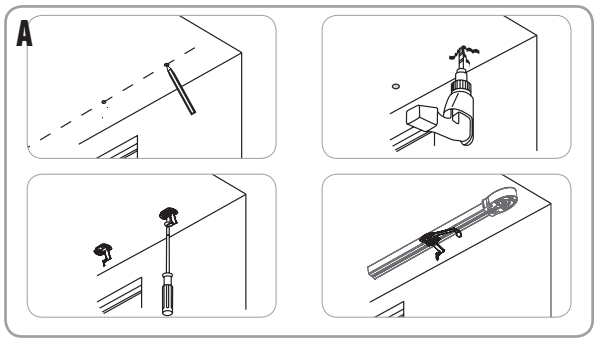
Power supply	100V - 240V
Radio frequency	433.42 MHz
Operating temperature	0°C to + 60°C
Index protection rating	IP 30
Safety level	Class I

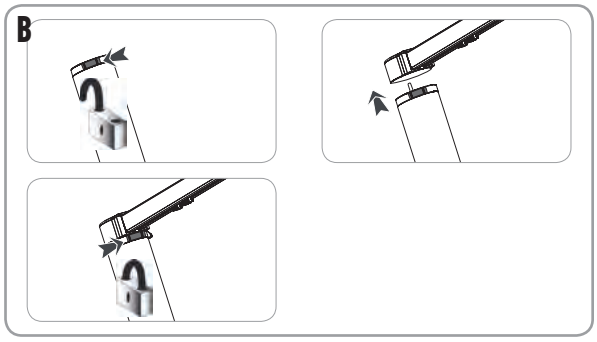
Copyright © 2019 SOMFY ACTIVITES SA, Société Anonyme. All rights reserved.

SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

4. Glydea™ Ultra RTS installation guide.



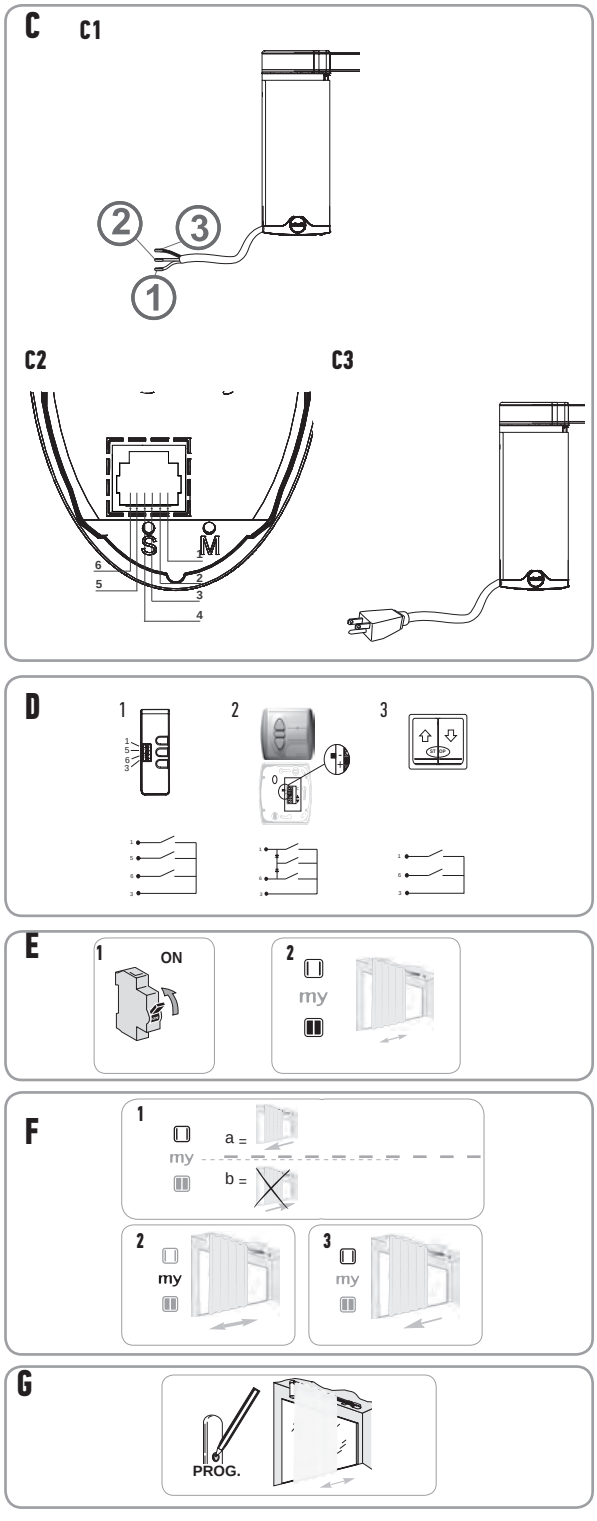




Copyright © 2019 SOMFY ACTIVITES SA, Société Anonyme. All rights reserved.

SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

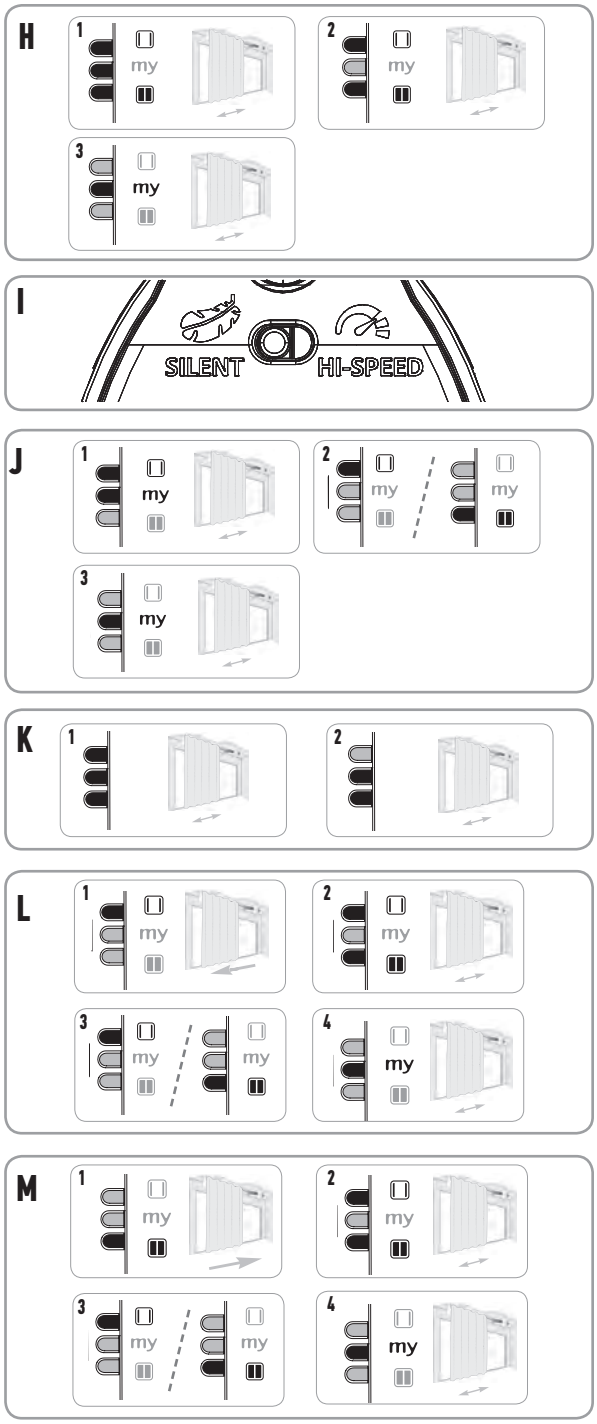
4. Glydea™ Ultra RTS installation guide.



Copyright © 2019 SOMFY ACTIVITES SA, Société Anonyme. All rights reserved.

SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

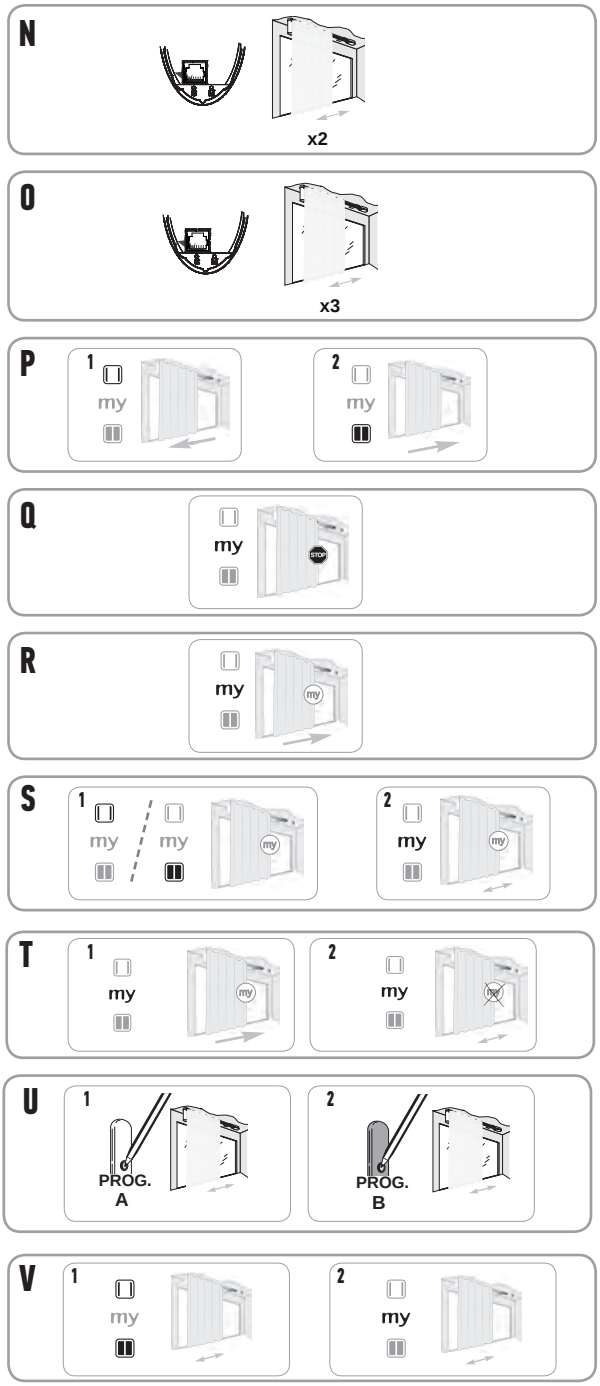
4. Glydea™ Ultra RTS installation guide.



Copyright © 2019 SOMFY ACTIVITES SA, Société Anonyme. All rights reserved.

SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

4. Glydea™ Ultra RTS installation guide.



Copyright © 2019 SOMFY ACTIVITES SA, Société Anonyme. All rights reserved.

SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

4. Irismo™ Wirefree installation guide.

www.somfy.com

Irismo Wirefree

EN INSTRUCTIONS
FR NOTICES
DE ANLEITUNG
NL HANDLEIDING
IT MANUALE
ES GUÍA
PT INSTRUÇÕES
EL ΟΔΗΓΙΕΣ
DA BRUGSVEJLEDNING
FI KÄYTTÖOHJE
SV BRUKSANVISNING
NO BRUKSANVISNING
PL INSTRUKCJA
RU РУКОВОДСТВО
HU ÚTMUTATÓ
CS NÁVOD
ZH 说明
AR التعليمات

Ref. 5031185A

somfy®

4. Irismo™ Wirefree installation guide.

EN

These instructions apply to all Irismo Wirefree motors, in all torque/speed.

CONTENTS

1. Prerequisite information 3
1.1 Fields of application 3
1.2 liability 3
2. Installation 5
2.1. Installation 5
2.2. Wiring 5
2.3. Commissioning 5
2.4. Tips and recommendations for installation 6
3. Use and maintenance 7
3.1. Open and Close buttons 7
3.2. STOP function 7
3.3. Favourite position (my) 7
3.4. Additional settings 7
3.5. Tips and recommendations for use 8
4. Technical data 8

1. PREREQUISITE INFORMATION

1.1 FIELDS OF APPLICATION

The Irismo Wirefree motor is designed to drive all types of curtain track

1.2 LIABILITY

MANDATORY SAFETY INSTRUCTIONS

- For Irismo Wirefree motors intended for fabric curtain tracks installed horizontally, and for indoor use only.
- Any use outside the scope of application specified by Somfy is non-compliant. Somfy can not be held liable for any such use or failure to observe these instructions, which will also result in warranty being voided.
- Should any doubt arise during installation of the motor or in order to obtain additional information, please visit the www.Somfy.com website or refer to your Somfy contact.

IMPORTANT SAFETY INSTRUCTIONS FOR INSTALLATION

WARNING: improper installation may result in serious injury. Follow the installation instructions in full, as well as those shown in the enclosed user leaflet. To be handed to the user.

The motor must be installed by an installer, who is qualified in motorized systems and domestic automation.

The installer must inform the user of the need to arrange maintenance for the motorized unit and its associated accessories. He must specify items that require maintenance, replacement or checking.

-The torque, operating time and speed of the Somfy actuator must be compatible with the specifications of the motorized unit: your Somfy contact will provide a method of selecting motors for each application.

-Use only accessories (Curtain track, brackets, etc.) listed by Somfy to fit to a unit. Part numbers for accessories are available from your Somfy contact.

-Please refer to the Somfy literature to ascertain the control point(s) compatible with the actuator selected.

-Fit control devices in visible pos itions.

- Power adaptor should not be hung in the air when using.

-If the cable or the power supply connector is damaged, return the actuator to the service department to avoid any risk.

Copyright © 2016 Somfy SAS. All rights reserved.

SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

EN

-Secure the cables to prevent any contact with moving parts.
-The motorized curtain track is controlled by a control point without locking, installed within sight of the closing but away from moving parts and at a height of at least 1.50 m.
-The crush zone is located at a height in excess of 2.50 m from the ground or any permanent access level.

IMPORTANT SAFETY INSTRUCTIONS

WARNING: It is important for everyone's safety to follow these instructions in full.
Keep these instructions for future reference.
- Somfy recommends the presence of at least one control point close to the motorized unit or group of motorized units.
- Do not allow children to play with fixed control devices. Keep remote controls out of the reach of children.
- Do not use the emergency facility unless there is a mains power cut.
- Keep a watch on the motorized unit while it is moving and ensure that people stay clear until the motorized unit is fully stopped.
- Do not charge the battery while maintenance ork (e.g. window cleaning) is in progress in the vicinity.
- Check the system frequently in order to detect any out-o -balance condition or signs of wear.
- Do not use the moto ized unit, if it needs repair or adjustment.
-This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Be ore installing the drive, remove any unnecessary cords and disable any equipment not needed for powered operation.
- Install the actuating member of a manual release at a heigh less than 1,8 m.
- Children should be supervised to ensure that they do not p ay with the appliance.

IMPORTANT SAFETY INSTRUCTIONS ON BATTERY PACK

ATTENTION!
Improper using battery pack may cause overheat, fire, explosion, resulting in serious injury or death.
- Be certain to ollow instructions when charging the battery pack. Battery charging is optimal when exposed to 0 °C to 40 °C.
- Do not disassemble or modify the battery pack
- Battery ack should not be exposed to high temperatures (<40 °C) or fire.
- Keep the battery pack away from any shock or impact (e.g falling down from high place)
- Battery should not be exposed to any liquids.
- Should battery pack require rep acing, always use Somfy qualified replacement components.
- Please comply with local aws and regulations when discarding used battery pack.

Copyright © 2016 Somfy SAS. All rights reserved.

SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

EN

Safety warning! Caution! Information

For the illustration, see page 111.

2. INSTALLATION

Instructions which **must** be followed by the drive and home automation professional installing the Irismo Wirefree motor.

Never drop, knock, drill or submerge the drive.

Install a separate control point for each drive.

2.1. INSTALLATION

2.1.1. Installation of the rail (Fig 1)

1) Mark the position of the brackets.

2) Drill the ceiling or the wall at the right places.

3) Attach the brackets.

4) Attach the rail on the brackets.

2.1.2. Installation of the motor (Fig 2)

1) Unlock the motor

2) Insert the motor shaft into the drive pulley hole.

3) Lock the motor.

2.2. WIRING

2.2.1. Connection of the battery pack to the motor (Fig 3)

1) Connect the battery pack in the bottom of motor

2) Twist battery pack till hear a clicks to lock. If battery pack is not weak, motor will emit one “beep” and LED will green blink for several seconds, then motor is ready to work.

If battery pack is weak, motor will emit one “beep” and LED will red blink for several seconds, charge it refer 2.2.2

2.2.2. Charge of the battery pack (Fig 4)

Use only the Somfy power charger with this motor.
The Motor can’t be use when in charging.

1) Connect the power charger to the bottom of battery pack, or to the top of battery pack (if the battery pack is not connected to the motor).
2) After connecting the power charger to the battery pack, the LED of the power charger will be red. This is the charging mode,
3) When the LED turns green, the charge cycle is complete.
Disconnect the power charger, and save it for later use.

2.3. COMMISSIONING

2.3.1. Pre-programming the RTS remote control (Fig 5)

1) Connect battery pack to the motor, refer to 2.2.1.

2) Press the **Open** and **Close** buttons on the RTS remote control at the same time: The motorised product moves up and down, and the RTS remote control is pre-programmed in the motor.

2.3.2. Setting the end limits

At the first command Open or Close, the motorised product make a first run to record the hard stop position.

If need to adjust end limits, refer 2.4.2

Copyright © 2016 Somfy SAS. All rights reserved.

SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

EN

2.3.3. Checking the direction of rotation (Fig6)

1) Press the **Open** button on the RTS remote control:

a) If the motorised product opens (a), the direction of rotation is correct.

b) If the motorised product closes (b), the direction of rotation is incorrect: Move onto the next step.

2) Press the **my** button on the RTS remote control until the motorised product moves: The direction of rotation has been modified.

3) Press the **Open** button on the RTS remote control to check the direction of rotation.

If need to change the directing of rotation, refer 3.4.4

2.3.4. Recording the RTS control point (Fig 7)

Press the PROG button on the back of the remote control until the motorised product moves. The remote control address is permanently recorded.

2.3.5. Adjusting the Touch motion sensitivity (Fig 8)

1) Press the **Open** and **Close** buttons of the RTS remote control simultaneously until the motorised product moves. LED is yellow, the motor enter touch motion sensitivity setting mode
2) Press the **Open** and **Close** buttons simultaneously until the motorised product moves to switch from high sensitivity, to low sensitivity, to no touch motion, and back to high sensitivity.
- yellow LED fast blink for high sensitivity
- yellow LED slow blink for low sensitivity
- yellow LED on for no touch motion

3) Press the **my** button until the motorised product moves to confirm the setting.

2.3.6. Adjusting the speed (Fig 9)

1) Press the **Open** and **my** buttons simultaneously until the motorised product moves.
Green and red LED blink alternatively, the motor enter speed setting mode
2) Press the **Open** button to increase the speed, or the **Close** button to decrease the speed.
There are 4 speed options: 12.5 cm/s (default speed) - 15 cm/s- 17.5 cm/s- 20 cm/s.
3) Press the **my** button until the motorised product moves to confirm the setting.

2.4. TIPS AND RECOMMENDATIONS FOR INSTALLATION

2.4.1. Questions about the Irismo Wirefree

Observations	Possible causes	Solutions
The motorised product does not operate.	The battery pack is weak.	Check whether the battery pack is weak and charge it.
	The remote control battery is weak.	Check whether the battery is weak and replace it if necessary.
	The remote control is not compatible.	Check for compatibility and replace the remote control if necessary.
	The remote control used has not been programmed into the motor.	Use a programmed remote control or program this remote control.

Copyright © 2016 Somfy SAS. All rights reserved.

SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

2.4.2. Re-setting the end limits

Readjusting the Open end limit (Fig 10)

1) Press the **Open** button to move the motorised product to the end limit to be readjusted. The LED is red.

2) Press the **Open** and **Close** buttons of the RTS remote control simultaneously until the motorised product moves.

3) Press the **Open** or **Close** button to move the motorised product to the new desired position.

4) To confirm the new end limit, press the **my** button until the motorised product moves.

Readjusting the Close end limit (Fig 11)

1) Press the **Close** button to move the motorised product to the end limit to be readjusted. the LED is red blink

2) Press the **Open** and **Close** buttons of the RTS remote control simultaneously until the motorised product moves.

3) Press the **Open** or **Close** button to move the motorised product to the new desired position.

4) To confirm the new end limit, press the **my** button until the motorised product moves.

2.4.3. Erasing the control point from the memory of the motor (Fig 12)

This reset deletes all the local remote control, however the end limit settings and favourite position are retained.

To delete all the programmed remote control, press and hold the motor LED button until the motorised product moves twice.
All the remote control are deleted.

2.4.4. Erasing the memory of the motor (Fig 13)

This reset deletes all remote control, all the sensors and all the end limit settings, and resets the motor's favourite position (my).

To reset the motor, press and hold the LED button until the motorised product moves 3 times.
All the settings are erased.

3. USE AND MAINTENANCE

ⓘ This drive is maintenance-free

3.1. OPEN AND CLOSE BUTTONS (Fig 14)

Pressing the **Open** or **Close** button fully opens or closes the motorised product.

3.2. STOP FUNCTION (Fig 15)

The motorised product is moving.

Briefly press **my**: the motorised product stops automatically.

3.3. FAVOURITE POSITION (my) (Fig 16)

The motorised product is stopped.

Briefly press **my**: the motorised product starts to move, and stops in the favourite position (my).

To modify or delete the favourite (my) position, see the section entitled "Additional settings"

3.4. ADDITIONAL SETTINGS

3.4.1. Modifying the favourite position (my) (Fig 17)

1) Place the motorised product in the desired favourite position (my).
2) Press **my** for ≈ 5 seconds until the motorised product moves: the desired favourite position (my) has been programmed.

Copyright © 2016 Somfy SAS. All rights reserved.

SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

EN

3.4.2. Deleting the favourite position (my) (Fig 18)

1) Press my: the motorised product starts to move, and stops in the favourite position (my).
2) Press my again until the motorised product moves: the favourite position (my) is deleted.

3.4.3. Adding/Deleting Somfy control points (Fig 19)

1) Find an RTS remote control programmed in the motor.
Press & hold the RTS programmed remote control (A) PROG button or the receiver prog button until the motorised product moves, the motor is in programming mode.
2) Quickly press the RTS remote control (B) PROG button to add or delete, the motorised product moves & the RTS remote control (B) is programmed or deleted from the motor.

3.4.4. Modifying the motor rotation direction (Fig 20)

Move the motorised product away from the end limits.
1) Press the **Open** and **Close** buttons of the RTS remote control simultaneously until the motorised product moves.
the LED is green or green blink
2) Press the **my** button until the motorised product moves to reverse the rotation direction.

3.4.5. Low Battery Charge (Indicator)

1) Motor will emit one audiable "beep" (one «beep» before motor start to run and another «beep» after the operation)follow operation of Drapery motor.
Charge battery as per instructions 2.2.2 on previous page (or see Charging the Battery Pack).
2) motor will emit one «beep» and LED red fast blink when no battery.
Charge the battery as per instruction 2.2.2

3.5. TIPS AND RECOMMENDATIONS FOR USE

3.5.1. Questions about the Irismo Wirefree?

Observations	Possible causes	Solutions
The motorised product does not operate.	The remote control battery is weak.	Check whether the battery is weak and replace it if necessary.
	The battery pack is weak.	Check whether the battery pack is weak and charge it.

If the motorised product still does not work, contact a motorisation and home automation professional.

3.5.2. Replacing a lost or broken Somfy remote control

To replace a lost or broken remote control, contact a Somfy motorisation and home automation professional.

4. TECHNICAL DATA

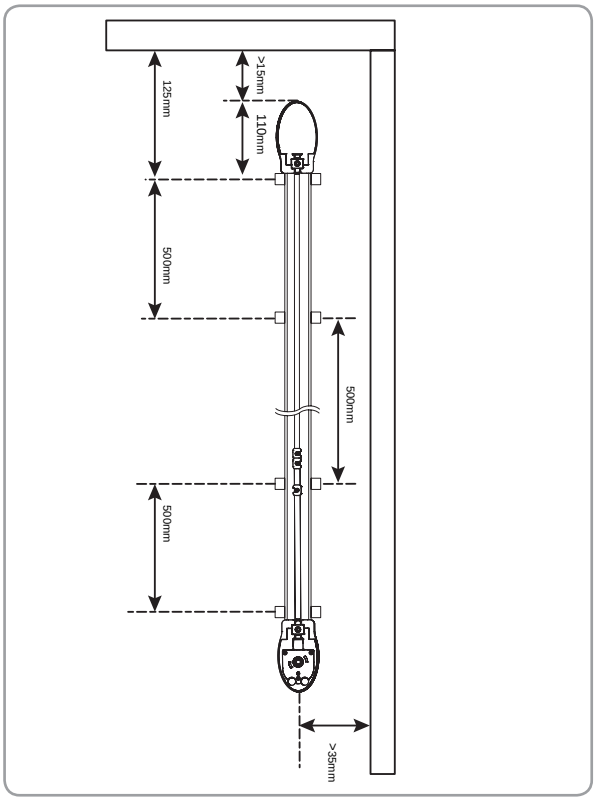
Battery pack nominal voltage	26,5V
Battery pack maximal current	2A
Radio frequency	433.42 MHz
Operating temperature	0°C to + 60°C
Index protection rating	IP 30
Safety level	Class II
Battery charging temperate	0°C to + 40°C

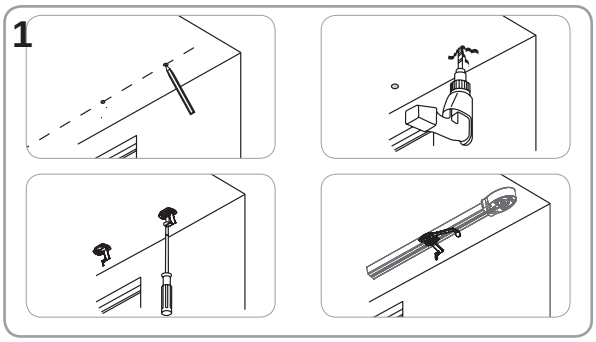
CE Somfy hereby declares that the drive covered by these instructions and used as intended according to these instructions, is in compliance with the essential requirements of Directives 2006/42/EC, and 2014/53/EU.
A declaration of conformity detailing the standards and specifications used and stating all particulars for identification of the drive, name and address of the person(s) authorised to compile the technical file and empowered to draw up the declaration including place and date of issue is available at www.somfy.com/ce.

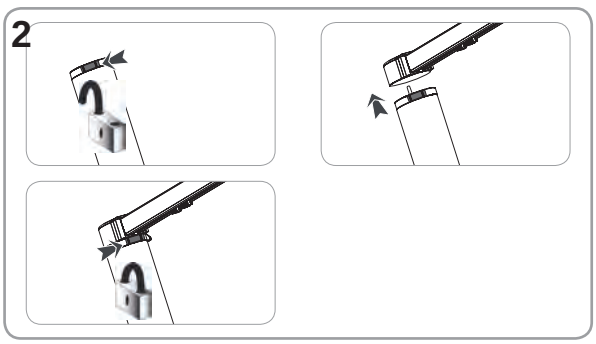
Copyright © 2016 Somfy SAS. All rights reserved.

SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

4. Irismo™ Wirefree installation guide.

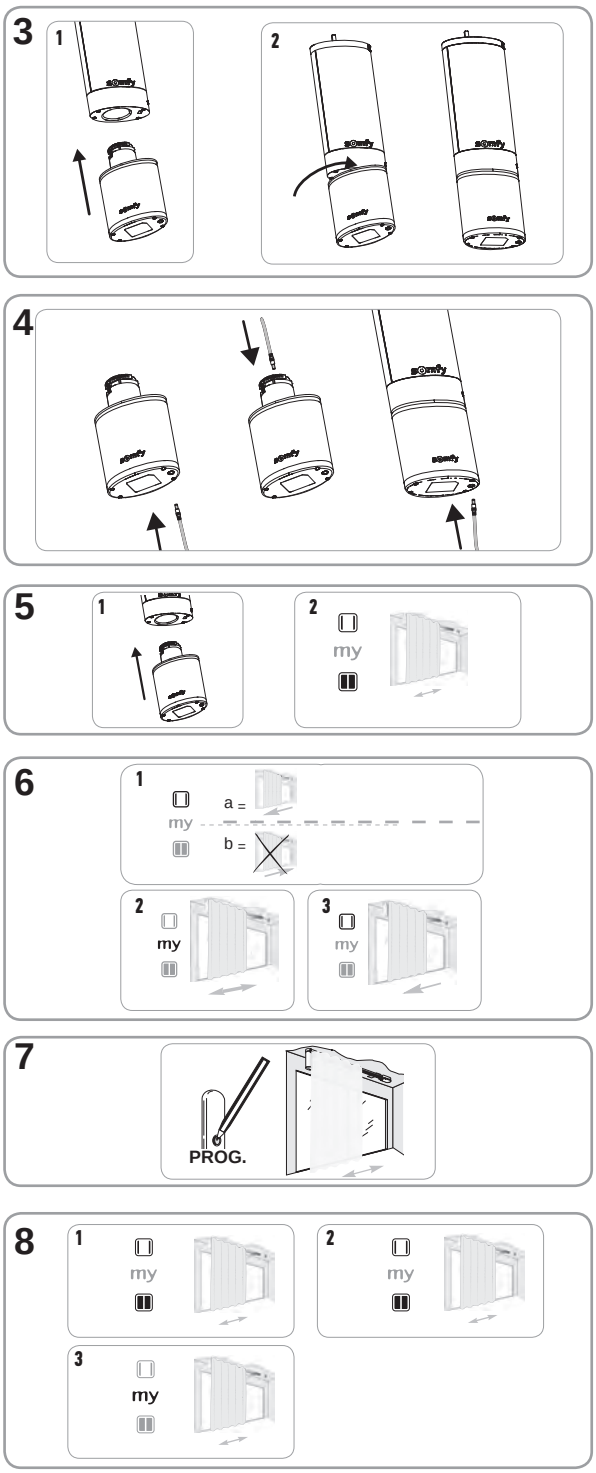






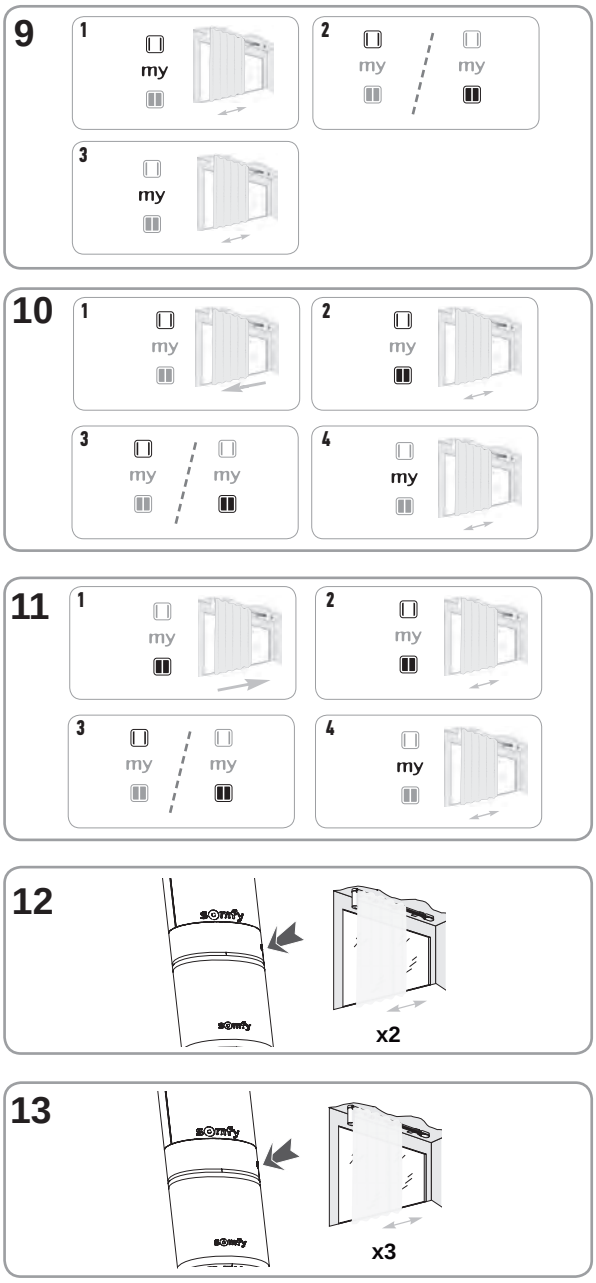
SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

4. Irismo™ Wirefree installation guide.

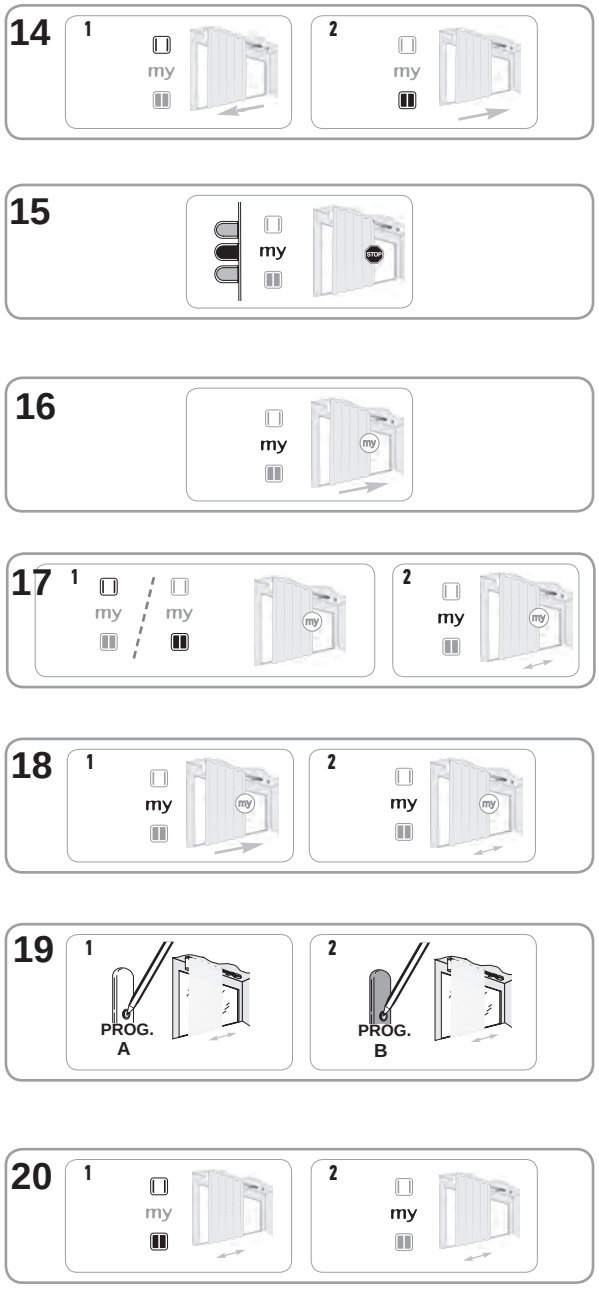


SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

4. Irismo™ Wirefree installation guide.



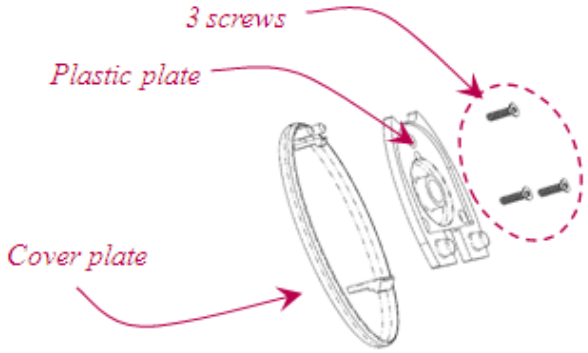
4. Irismo™ Wirefree installation guide.



SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

4. Up side down mounting installation instructions.

- PROHIBITED FOR IRISMO WIREFREE RTS !



- Commercial information:

Part number	Description	Detailed description	Packing	Where
1780908	TOP MOUNT KIT GA	Kit of accessories to allow the up side down installation.	10	ALC LI

- Motor compatibility:
  - The Glydea motors have been modified to allow Top mount installation. Top Mount is compatible only with motors manufactured in July 2011 or later

- Technical specifications:
  - Environmental conditions for top mount installations, including motors installed in enclosures, should not exceed those specified on the data sheet.

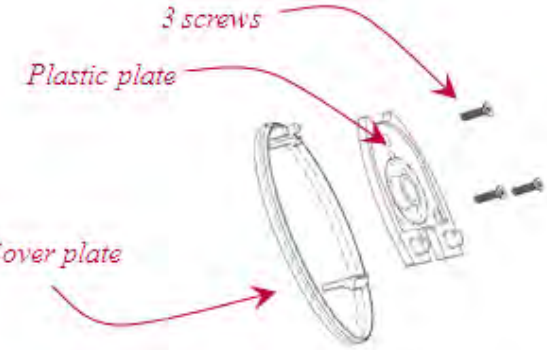
Working temperature	°C	0°C to + 60°C
	°F	+32°F to +140°F
Humidity rate		85% at 35°C / 95°F

- Radio reception could be reduced for motors installed in enclosures, especially if the enclosures are metallic.

4. Up side down mounting installation instructions.

- PROHIBITED FOR IRISMO WIREFREE RTS !

- **Installation instructions**

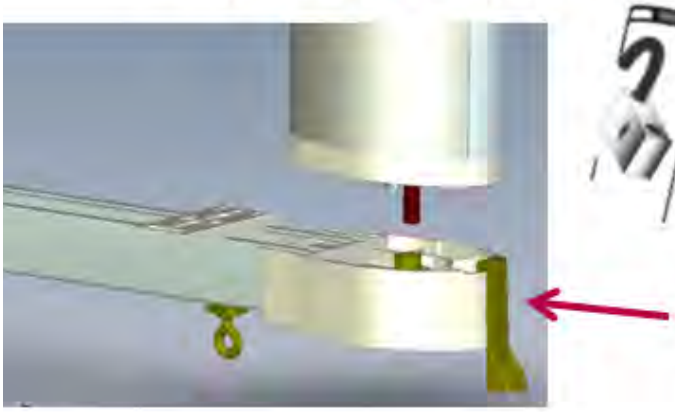


– Drive Pulley preparation:

1. Unscrew and remove the metallic plate from the bottom of the Drive Pulley Housing. Re-install the plastic plate with the drive pulley screws that were removed. Install the cover plate supplied with the Top Mount Kit.

2. Turn the drive pulley upside-down and install the plastic plate from the top Mount Kit, then install the metallic plate that was removed from the bottom side, and secure them with the 3 screws supplied with the kit.

– Motor Installation

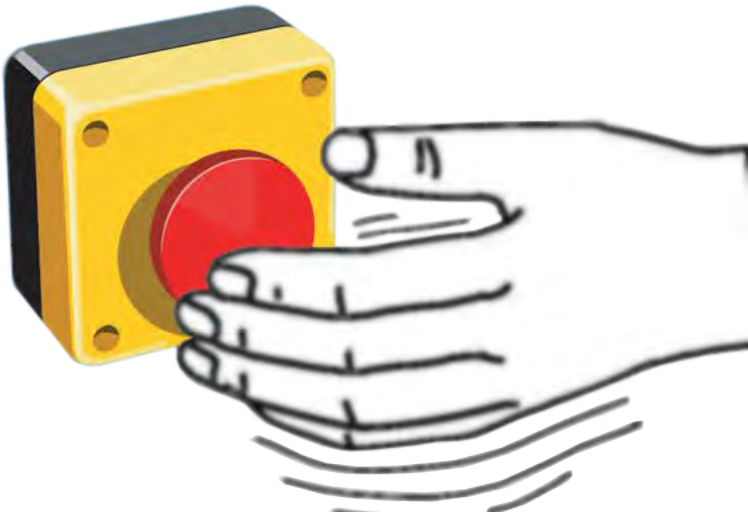


In the Top Mount configuration The motor hook must be installed in the recess at the back of the drive pulley

Part 4

Part 5

WARNING SUM UP !



5. Warning sum up.

- No grease necessary with the SOMFY high performance black belt #1782084.
- Do use only fixed position (maintained) AC switches to control WT motors.
- Do contact Somfy when using non Somfy AC switching control devices.
- The motor needs to be power down before installing optional modules !
- Glydea Ultra RTS prohibited on tandem application.
Do use Universal receiver RTS or Centralis indoor RTS with Glydea™ Ultra WT or Dry Contact receiver with Glydea™ Ultra DCT.

PART 6

PART LIST

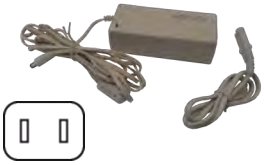
- Glydea® Ultra actuators.
- Irismo WireFree RTS actuators
- Track components.
- Standard heading accessories.
- Ripple fold accessories.
- Spare parts, electrical accessories, tools.
- Glydea™ Ultra control modules.

6. Glydea® Ultra.

	SOMFY PART NUMBER	DESIGNATION	DESCRIPTION
	1 240 226	Glydea® Ultra 35e DCT	Glydea™ motor with 35kg capacity for a 6m two way straight track. Dry contact capability, equipped with a 1.5m three wire EU cable. UNIT WEIGHT = 1280g CE/CCC/TUV GS/SASO/C-tik
	1 241 031	Glydea® Ultra 35e DCT W/ILC	Glydea™ motor with 35kg capacity for a 6m two way straight track. Dry contact capability, equipped with a 1.5m three wire EU cable. UNIT WEIGHT = 1280g CE/CCC/TUV GS/SASO/C-tik
	1 240 219	Glydea® Ultra 35e WT	Glydea™ motor with 35kg capacity for a 6m two way straight track. AC switching control capability, equipped with a 1.5m four wire EU cable. UNIT WEIGHT = 1280g CE/CCC/TUV GS/SASO/C-tik
	1 241 030	Glydea® Ultra 35e WT W/ILC	Glydea™ motor with 35kg capacity for a 6m two way straight track. AC switching control capability, equipped with a 1.5m four wire EU cable. UNIT WEIGHT = 1280g CE/CCC/TUV GS/SASO/C-tik
	1 240 227	Glydea® Ultra 35e RTS	Glydea™ motor with 60kg capacity for a 10m two way straight track. Dry contact capability, equipped with a 1.5m three wire EU cable + RTS433 receiver. UNIT WEIGHT = 1280g CE/CCC/TUV GS/SASO/C-tik
	1 241 032	Glydea® Ultra 35e RTS W/ILC	Glydea™ motor with 60kg capacity for a 10m two way straight track. Dry contact capability, equipped with a 1.5m three wire EU cable + RTS433 receiver. UNIT WEIGHT = 1280g CE/CCC/TUV GS/SASO/C-tik

	SOMFY PART NUMBER	DESIGNATION	DESCRIPTION
	1 240 229	Glydea® Ultra 60e DCT	Glydea™ motor with 35kg capacity for a 6m two way straight track. Dry contact capability, equipped with a 1.5m three wire EU cable. UNIT WEIGHT = 1280g CE/CCC/TUV GS/SASO/C-tik
	1 241 034	Glydea® Ultra 60e DCT W/ILC	Glydea™ motor with 35kg capacity for a 6m two way straight track. Dry contact capability, equipped with a 1.5m three wire EU cable. UNIT WEIGHT = 1280g CE/CCC/TUV GS/SASO/C-tik
	1 240 228	Glydea® Ultra 60e WT	Glydea™ motor with 35kg capacity for a 6m two way straight track. AC switching control capability, equipped with a 1.5m four wire EU cable. UNIT WEIGHT = 1280g CE/CCC/TUV GS/SASO/C-tik
	1 241 033	Glydea® Ultra 60e WT W/ILC	Glydea™ motor with 35kg capacity for a 6m two way straight track. AC switching control capability, equipped with a 1.5m four wire EU cable. UNIT WEIGHT = 1280g CE/CCC/TUV GS/SASO/C-tik
	1 240 230	Glydea® Ultra 60e RTS	Glydea™ motor with 60kg capacity for a 10m two way straight track. Dry contact capability, equipped with a 1.5m three wire EU cable + RTS433 receiver. UNIT WEIGHT = 1280g CE/CCC/TUV GS/SASO/C-tik
	1 241 035	Glydea® Ultra 60e RTS W/ILC	Glydea™ motor with 60kg capacity for a 10m two way straight track. Dry contact capability, equipped with a 1.5m three wire EU cable + RTS433 receiver. UNIT WEIGHT = 1280g CE/CCC/TUV GS/SASO/C-tik

6. Irismo 45 WireFree

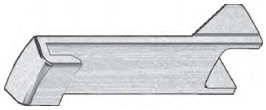
	SOMFY PART NUMBER	DESIGNATION	DESCRIPTION
	1002353	Irismo WireFree 45 RTS W/BAT	Irismo™ WireFree RTS 45 motor with 45kg capacity for a 10m two way straight track. Color: White. Does not fit curved or bent track. With built-in RTS433 receiver.
	9026468	Irismo 45 WireFree Charger	Irismo™ WireFree RTS 45 power adaptor

6. Track Components

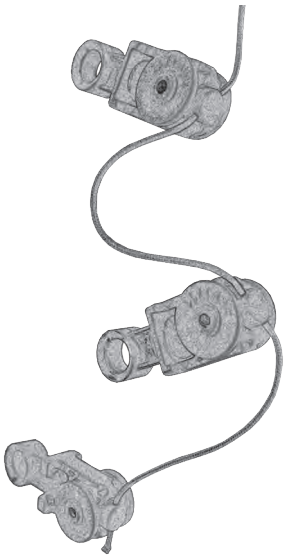
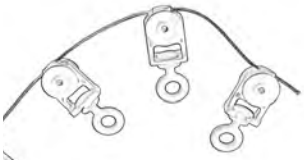
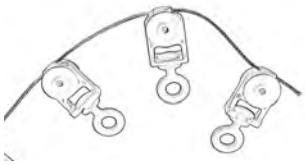
	SOMFY PART NUMBER	DESIGNATION	DESCRIPTION
	1780 897	Pulley Assembly	Pulley assembly to put opposite the motor side. Color: White. Does not come with hooks. UNIT WEIGHT = 82g

6. Track Components

	SOMFY PART NUMBER	DESIGNATION	DESCRIPTION
	White: 1 780 945 **Black:** 9 026 933	Drive Pulley Assembly	Pulley assembly to use on the motor side. Does not come with hooks. UNIT WEIGHT = 73g
	White: 1 782 318 **Black:** 9 026 927	Small Pulley Assembly	To put opposite the motor side
	1 781 344	Heavy Duty Master Carrier	Heavy Duty & quiet one piece non articulating mas-ter carrier. Can be used on all track con igurations & shape including ripple curtain to the maximum weight capacity of Somfy curtain motors
	White: 1 781 416 **Black:** 9 026 936	Heavy Duty Straight Arm	Stainless steel arm to be optionally screwed on the heavy duty master carrier of two way tracks. Allows to hang curtain with pleates with 3 pitch. UNIT WEIGHT: 29g
	1 781 417	Heavy Duty Overlap Arm Kit	Stainless steel overlap arm with roller wheel to be used on the heavy duty master carrier on one way tracks or two way system when additional blackout is needed.
	1 782 316	Heavy Duty Rail Joint	Stronger piece to link two rails.

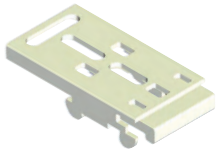
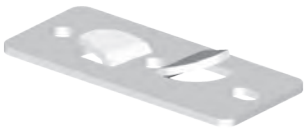
	SOMFY PART NUMBER	DESIGNATION	DESCRIPTION
	White: 1 781 415 **Black:** 9 026 932	High performance Rotating Eye Runner	Runner mounted on wheels with rotating eylet. Can not be used with ripplefold. Wheel shape make it quieter. Qty: typical 10 per meter. UNIT WEIGHT: 3.2g
	**White:** 1 780 895 **Black:** 9 026 928	Motor Hook	Plastic hook to hang the curtain on the pulleys. Quantity needed is minimum 1 for one way tracks & 2 for two way tracks. More might be needed. UNIT WEIGHT: 2.3g
	White: 9 026 571 **Mill Finish:** 9 026 572	Glydea Rail 6.3M	6.3m aluminium Curtain Rail Delivered in a box with 6 rails. Colour options: • White • Mill Finish
	1 782 084	High Performance Belt - 55M	Roll of 60m reel, 10mm black pre-lubed belt. Approx. 2 times the length of the track is necessary. Quantity in standard package: a roll in a plastic bag.

6. Ripplefold Accessories

	SOMFY PART NUMBER	DESIGNATION	DESCRIPTION
	1 780 901	Ripple Runner 1 7/8" - 500 Unit Roll	Runner mounted on wheels for 120% fulness ripple curtains. Supplied in a roll of 500 runners. Cord already snaped on the runner body. 500 snap penpands supplied in a different bag. Width 14mm Max. load 1.5kg. Qty usually 21 / m
	White: 1 780 902 **Black:** 9 026 938	Ripple Runner 2 1/8 " - 500 Unit Roll	Runner mounted on wheels for 100% fulness ripple curtains. Supplied in a roll of 500 runners. Cord already snaped on the runner body. 500 snap penpands supplied in a different bag. Width 14mm Max. load 1.5kg. Qty usually 19 / m
	White: 1 780 903 **Black:** 9 026 939	Ripple Runner 2 3/8" -500 Unit Roll	Runner mounted on wheels for 80% fulness ripple curtains. Supplied in a roll of 500 runners. Cord already snaped on the runner body. 500 snap penpands supplied in a different bag. Width 14mm Max. load 1.5kg. Qty usually 17 / m
	**White:** 1 782 310 **Black:** 9 026 941	Rotating Ripple Eyelet Runner 60mm - 500 Unit Roll	Runner mounted on wheels for ripple curtains. Supplied in a roll of 500 runners. Cord is already snaped on the runner body. 500 rottating runner eylet supplied in a different bag. No need to use snap tape.
	**White:** 1 782 848	Rotating Ripple Eyelet Runner 80m - 500 Unit Roll	Runner mounted on wheels for ripple curtains. Supplied in a roll of 500 runners. Cord is already snaped on the runner body. 500 rottating runner eylet supplied in a different bag. No need to use snap tape.
	1 782 301	Ripple Snap Tape (4-1/4") 91.4m	Ripple snap tape 4 1/4 (108mm) reel of 91 m.
	1 780 946	Heavy Duty Ripple Fold Straight Arm	Stainless steel arm to be screwed on the heavy duty master carrier of two way track when a ripple curtain with overlap solution is needed.

	SOMFY PART NUMBER	DESIGNATION	DESCRIPTION
	White: 1 780 947 **Black:** 9 026 937	Heavy Duty Ripple Overlap Arm Kit	Stainless steel overlap arm with roller wheel to be used with the heavy duty master carrier on one way ripple curtain with overlap.
	1 780 953	Heavy Duty Ripple Fold Butt Arm Kit	Steel arms kit to be used with master carrier GA on two way tracks with butt arms. 2 kits are needed for a two way tracks.
	1 782 320	Small Ripple Overlap Arm Kit	Stainless steel overlap arm with roller wheel to be used with the heavy duty master carrier on two way ripple and classic curtain with overlap solution (for better curtain look).
	White: 1 782 321 **Black:** 9 026 935	Small Ripple Underlap Arm Kit	Stainless steel underlap arm with roller wheel to be used with the heavy duty master carrier on two way ripple and classic curtain with overlap solution (for better curtain look).
	1 780 905	Motor Hook White With Snap	ripple curtains. Color: White. UNIT WEIGHT = 2.3g
	9 027 045	Ripple Arm Adjustable kits	Stainless Steel ripple fold arm adjustable kits are compatible with both snap / hook ripple kits to achieve either 1 or 2 way ripple fold solution. Ripple Arm Adjustable kits have multiple installation methods to meet different aesthetic requirements.
	9 027 179	90 Degree Motor Adaptor	90 Degree Motor Adapt is used in conjunction with Ripple Arm Adjustable kit to provide a consistent Ripple effect from Motor to End of Small Pulley Able to be installed on the left or right of the rail.
	1 782 319	One Way Butt Arm Kit	One Way Butt Arm for use with Ripplefold one way Curtains and 2 motor tandem alternative.

6. Brackets

	SOMFY PART NUMBER	DESIGNATION	DESCRIPTION
	White: 1 780 906 **Black:** 9 026 929	Swivel Ceiling Bracket	Swivel ceiling bracket. Minimized light gap (2mm). Minimum qty necessary 2.5 per meter. UNIT WEIGHT = 12.5g
	1 780 907	One Touch Ceiling Bracket	Ceiling bracket allows for easy positioning of the fixing holes & snap on mounting of the track Color: White. Minimum qty necessary 2.5 per meter. UNIT WEIGHT = 20g
	White: 1 780 909 **Black:** 9 026 930	Adjustable Wall Mount Bracket	Wall mount angle bracket with minimum 100mm projection & 34 mm extention capability. Can be used in combination with ceiling brackets 1780906 & 1780907. Supplied with the screws t x one ceiling brackets. No ceiling bracket supplied.
	1 780 910	Double Adjustable Wall Mount Bracket	Wall mount angle bracket with minimum 100mm projection & 34mm extension capability. Can be used in combination with ceiling brackets 1780906 & 1780907. Supplied with the screws to fix one ceiling brackets. No ceiling bracket supplied.
	1 782 789	Ceiling Fixing Plate	Ceiling bracket allows for easy positioning & fix the track on the ceiling track on the ceiling. Colour: White. Minimum qty necessary 0.5 per meter.

6. Spare Parts, Accessories, Installation Tools

	SOMFY PART NUMBER	DESIGNATION	DESCRIPTION
	1 780 908	Top Mount Kit	KIT OF ACCESSORIES TO ALLOWS THE UP SIDE DOWN INSTALLATION
	White: 1 780 898 **Black:** 9 026 931	Pulley Cover	Spare pulley cover UNIT WEIGHT = 9.5g
	1782 106	Glydea - Glystro Adapter Plate	
	1 780 954	Pulley Stopper Assembly	Spare pulley stopper assembly as a kit.UNIT WEIGHT = 5g
	9 015 443	Glydea DCT Data Cable	4 wire, 2.5m cable equiped with RJ12 plug to use during installation in combination with the DCT tool.
	9 014 599	Dry Contact Setting Tool	3 NO dry contact switch used for setting curtain motor.

6. Black Curtain Accessories

	SOMFY PART NUMBER	DESIGNATION	DESCRIPTION
	9 026 927	Small Pulley	To put opposite the motor side
	9 026 928	Motor Hook	Plastic hook to hang the curtain on the pulleys. Quantity needed is minimum 1 for one way tracks & 2 for two way tracks. More might be needed. UNIT WEIGHT: 2.3g
	9 026 929	Swivel Ceiling Bracket GA Black	Swivel ceiling bracket. Minimized light gap (2mm). Minimum qty necessary 2.5 per meter. UNIT WEIGHT = 12.5g
	9 026 930	Adjustable Wall Mount Bracket GA Black	Wall mount angle bracket with minimum 100mm projection & 34 mm extention capability. Can be used in combination with ceiling brackets 1780906 & 1780907. Supplied with the screws t x one ceiling brackets. No ceiling bracket supplied.
	9 026 931	Pulley Cover GA Black	Spare pulley cover. UNIT WEIGHT = 9.5g
	9 026 932	High Perf. Rotating Eye Runner GA Black	Runner mounted on wheels with rotating eylet. Can not be used with ripplefold. Wheel shape make it quieter. Qty: typical 10 per meter. UNIT WEIGHT: 3.2g
	9 026 933	Drive Pulley GA Black	Pulley assembly to use on the motor side. Does not come with hooks. UNIT WEIGHT = 73g
	9 026 934	Ripple Runner W/Eyelet 80 Black	

	SOMFY PART NUMBER	DESIGNATION	DESCRIPTION
	9 026 935	Small Ripple Underlap Arm GA Kit Black	Stainless steel underlap arm with roller wheel to be used with the heavy duty master carrier on two way ripple and classic curtain with overlap solution (for better curtain look).
	9 026 936	Heavy Duty Straight Arm GA Black	Stainless steel overlap arm with roller wheel to be used with the heavy duty master carrier on one way ripple curtain with overlap.
	9 026 937	Heavy Duty Overlap Arm Kit Black	Stainless steel overlap arm with roller wheel to be used with the heavy duty master carrier on one way ripple curtain with overlap.
	9 026 938	Ripple Runner 2 3/8" GA Black	Runner mounted on wheels for 100% fulness ripple curtains. Supplied in a roll of 500 runners. Cord already snaped on the runner body. 500 snap penpands supplied in a different bag. Width 14mm Max. load 1.5kg. Qty usually 19 / m
	9 026 939	Ripple Runner 2 1/8" GA Black	Runner mounted on wheels for 80% fulness ripple curtains. Supplied in a roll of 500 runners. Cord already snaped on the runner body. 500 snap penpands supplied in a different bag. Width 14mm Max. load 1.5kg. Qty usually 17 / m
	9 026 940	Ripple Motor Hook GA Black	
	9 026 941	Rotating Eye Runner GA Black	

6. Module

	SOMFY PART NUMBER	DESIGNATION	DESCRIPTION
	1 870 275	Glydea Ultra RS485 Module	Be able to insert in Glydea Ultra motor to build Glydea Ultra RS485

6. Silent Accessories

	SOMFY PART NUMBER	DESIGNATION	DESCRIPTION
	1 782 922	Glydea Ultra Silent Driving System	Silent master carrier. Can be used on HD accessories
	1 782 921	Glydea Ultra Silent Runner	Silent runner. Can be used on HD accessories

About Somfy

Somfy's leading smart solutions for homes and buildings have been improving people's daily lives for over 50 years. Developed with comfort, ease of use, security and sustainability in mind, our innovations automate and connect interior and exterior window coverings, awnings and pergolas. We are committed to creating useful solutions that are accessible to all, designed for today and beyond.

Somfy Pty Limited
Australia

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

New Zealand

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

somfy.com.au
somfy.co.nz

Find us on Facebook

Follow us on Instagram

Subscribe to us on YouTube

Follow us on Pinterest

A BRAND OF SOMFY GROUP

somfy®

All information subject to change ©Somfy Pty Limited Australia, January 2021 • Colours shown are as close as possible to the actual finished products. Please note, due to the limitations of the printing process, printed colours may not represent the true colour. Always confirm your colour choice with your Somfy Expert retailer.