Glydea™ Range EXPANDING HORIZONS



CATALOGUE 2010

Motorization solution for curtains



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# Glydea™ broadens your horizons



Glydea™ curtain motorization solutions meet the requirements of the most prestigious projects.

Motorized curtains are becoming a common feature of top-of-the-range projects such as high-quality hotels, luxury homes, meeting and conference venues.

Glydea<sup>™</sup> is discreet, flexible and robust, offering personalized solutions to serve your imagination and broaden your horizons.

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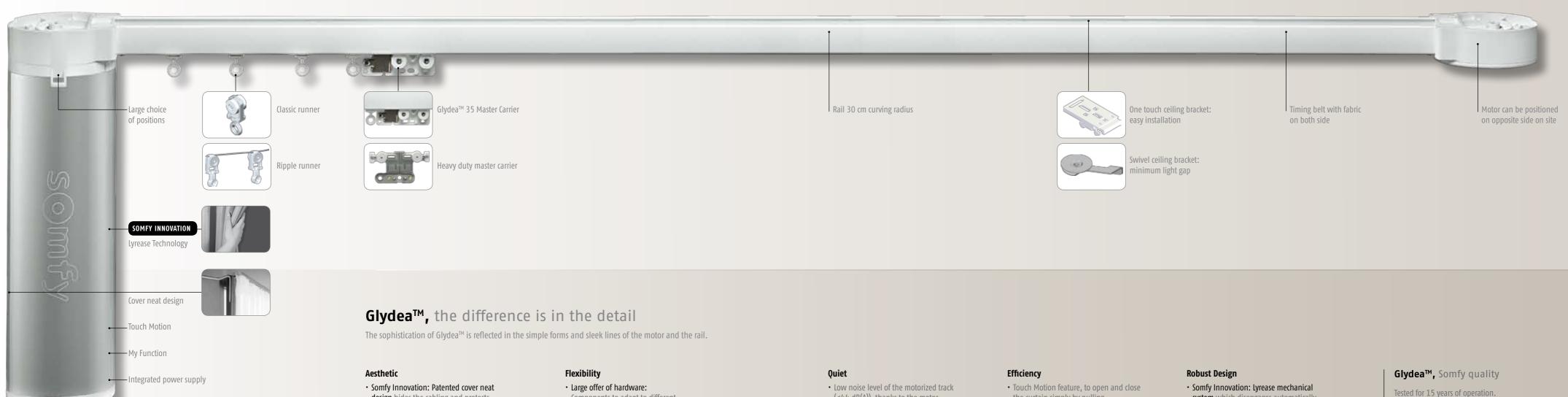
# **Glydea™**, your guarantee of added value in a demanding market

With Glydea™ motorization solutions, make your venue stand out in terms of image, usage and functionality.

- Glydea™ improves the image of a venue and makes the job of service personnel easier.
- Glydea<sup>™</sup> provides the level of comfort reliability that users and guests expect of venues of this type.
- The automated feature of Glydea™ motorization solutions contributes to energy savings and security (presence simulation).
- Glydea<sup>™</sup> extends the lifespan of your curtains, avoiding the damage caused by manual operation.



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# Flexible control modules



- design hides the cabling and protects the connectors and the control modules inside the motor.
- Reduced gap light thanks to the rail design and the swivel ceiling bracket.
- Adjustable limits, to allow the curtain to fall nicely.

- Components to adapt to different types of curtains.
- Somfy Innovation: Plug in modules for a large range of control systems.

- (<44 dB(A)), thanks to the motor design and the use of a timing belt.
- Soft start and soft stop.

- the curtain simply by pulling on the fabric.
- "My" function, to automatically control the curtain to a preferred position.
- Adjustable speed: 12.5 cm/s to 20 cm/s.
- system which disengages automatically the motor drive shaft for manual operation preserving the fabric.
- Setting buttons and cabling not accessible to the end user.
- No maintenance necessary after installation.

5 years international warranty. International certifications.















# **Glydea™**, everywhere flexibility is the rule

The flexibility of Glydea™ gives all the solutions to answer to the most demanding projects.

# Adaptability

- A large range of solutions, with only one rail, two types of motors, and several control modules.
- The offers can be personalized thanks to a large range of options.

# Universal



- · Rail up to 15m long.
- Bending radius up to 30 cm.
- Large choice of rail shapes.
- Curtain weight up to 100 kg (tandem).
- Large range of accessories to adapt to different types of curtains.







# Large offer for all curtain types and shapes



# Large choice of control systems





## Standard compatibilities

- Hotel or Home Automation dry contact or AC switching relays.
- AC switches and control systems.
- Double or triple push button switches.
- · Somfy or universal infrared transmitters.

compatibility with all the Somfy RTS controls.

# Glydea™ can be equipped with plug in modules to interface with additional control technologies RTS receivers,







# RS485 module,

to interface with two-way home automation communication systems.

# Tandem module,

to link two Glydea™ 60e DCT on the same track, and reach up to 100kg curtain weight capacity.

# Easy installation

- From plug and play to more advanced solutions.
- Motor can be also hidden in false ceilings.
- Motor position (left or right) can be changed on site.
- Automatic or adjustable limit setting.
- One touch or swivel ceiling bracket.
- Integrated 24V power supply.





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# **Technical specifications**

Features overview

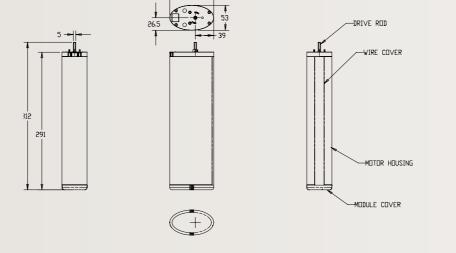
	Glydea™ 35 DCT	Glydea™ 35 WT <sup>(1)</sup>	Glydea™ 60e DCT	Glydea™ 60e WT <sup>(1</sup>
Motor unit main features				
Soft start	•	•	•	•
Soft stop			•	•
Intermediate position			•	
Manual operation	•	•	•	•
Touch motion			•	
Automatic limits on end stop	•	•	•	•
Back release	•	•		•
Adjustable limits			•	
Speed control & adjusment			•	•
Control options				
AC switching		•		•
3 NO dry contacts	•		•	
2 NO dry contacts	•		•	
2 NO dry contact sequencing mode	•		•	
Dry contact individual and group & master control	•		•	
Infrared	•		•	
Tandem			•	
RS485 digital technology	•		•	
Radio Technology SOMFY	•	•	•	•
Sun control	•		•	
Timer control	•	•	•	•
Installation and settings features				
Setting with buttons on motor unit			•	•
Setting with external 3 no dry contact switch	•	•	•	•
LED indicators			•	•
Motor unit direction change	•	•	•	•
Factory reset	•	•	•	•
Upside down mounting	•	•	•	•
Tracks / Curtain types			I	
Lateral	•	•	•	•
Central	•	•	•	•
Asymmetric	•	•	•	•
Multiple	•	•	•	•
Classic (Pinch pleat)	•	•	•	•
Ripple drape with overlap arm	•	•	•	•
Ripple drape with butt arm	•	•	•	•

# Motorized track main characteristics

	Glydea™ 35 DCT	Glydea™ 35 WT <sup>(1)</sup>	Glydea™ 60e DCT	Glydea™ 60e WT <sup>(1)</sup>
Power supply		90 V to 250	V 50/60 HZ	
Average linear speed	20	cm/s	12.5 / 15 /	17 / 20 cm/s
Power consumption	60	W	12	0 W
Power cable type	3-wire cable	4-wire cable	3-wire cable	4-wire cable
Control connector type	RJ12		RJ12	
DCT Control circuit voltage	3.3 VDC	90 V to 250 V AC	3.3 VDC	90 V to 250 V AC
Motorized track noise level (2)	50 0	IB(A)	44 dB(A) (3)	
Certifications		c TUV us	s, CCC, CE	
Track maximum length	15 m			
Maximum number of junctions	2			
Minimum bending radius	30 cm			
Minimum curving radius		3	m	

<sup>(1)</sup> WT motors can be switched to DCT mode by connecting both direction wires to live.

# Motor dimensions

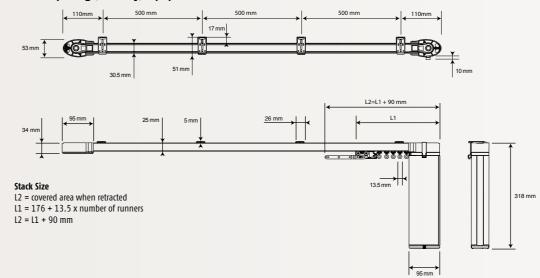


# **10 -** *June 2010 preliminary version* All information subject to change without prior notice.

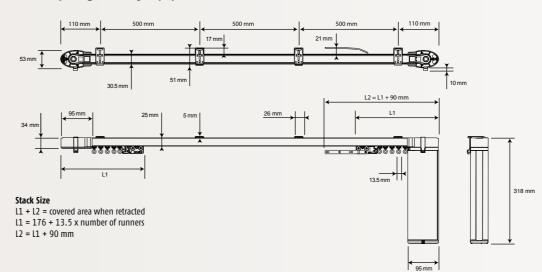
# Glydea™ motorized track dimensions

# 1 RAIL AND MOTOR: GLYDEA™ 35 CLASSIC

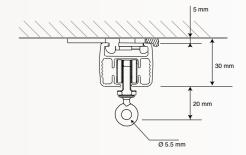
# Lateral opening (one way) equiped with flexible master carrier



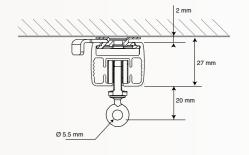
# Central opening (two way) equiped with flexible master carrier



# One touch ceiling bracket



# Swivel ceiling bracket



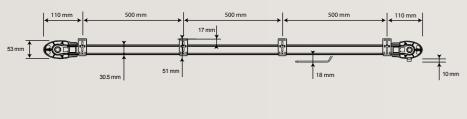
All information subject to change without prior notice.

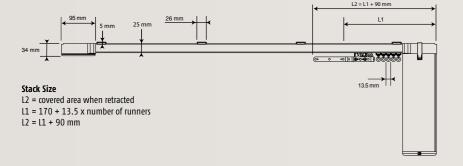
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<sup>(2)</sup> Sound pressure level according to Somfy measurement standard.
(3) At 15 cm/s.

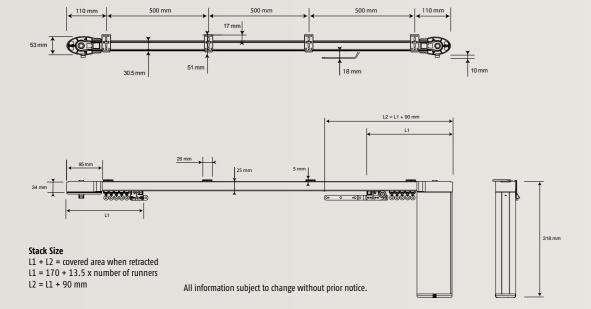
# 2 RAIL AND MOTOR: GLYDEA™ 60E CLASSIC

# Lateral opening (one way) equiped with heavy duty master carrier

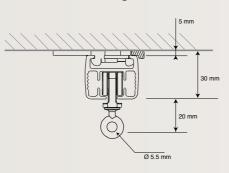




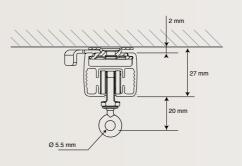
# Central opening (two way) equiped with heavy duty master carrier



# One touch ceiling bracket

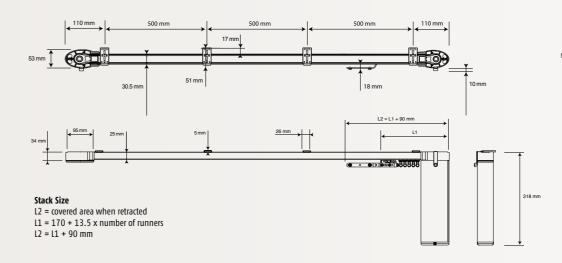


# Swivel ceiling bracket

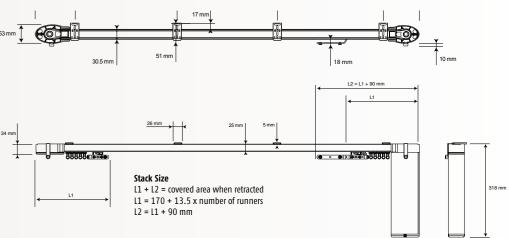


# 3 RAIL AND MOTOR FOR "RIPPLE" CURTAIN

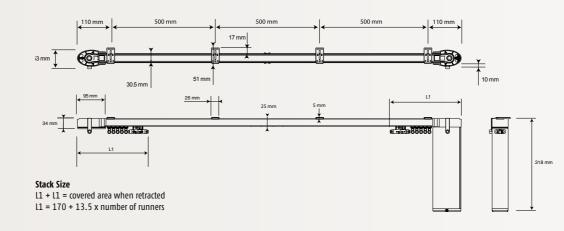
# Lateral opening (one way)



# Central opening (two way)



# Central opening with buttarms

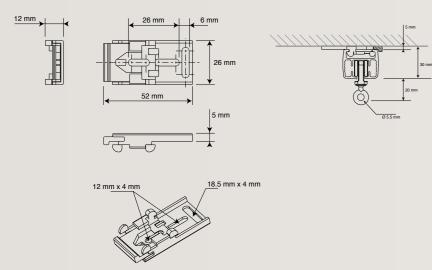


All information subject to change without prior notice. 

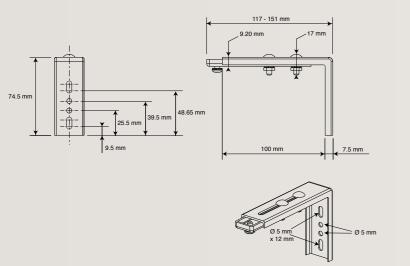
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# BRACKETS TYPES AND DIMENSIONS

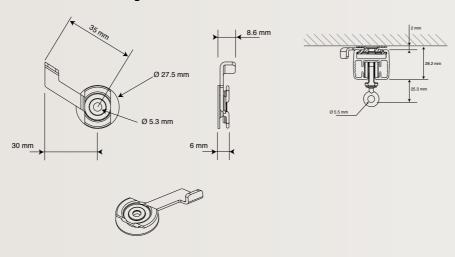
# One touch ceiling bracket



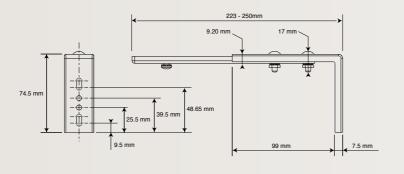
# Adjustable wall mount bracket

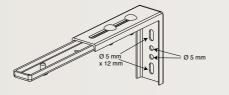


# Swivel ceiling bracket



# Double adjustable wall mount bracket



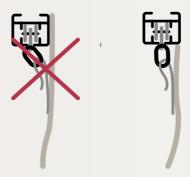


# Motor load capacity according to track opening, shape, length

- In the charts below we give the maximum weight of curtain in kg, which has to be motorized by the different Glydea™ versions according to the different track configurations, and the length of the track.
- When calculating the weight of the curtain the fullness ratio of the curtain has to be taken:

Weight of the curtain = fabric weight/m<sup>2</sup> 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.



# Track bending and curving minimum radius



- For bending and curving tracks length and radius limitation please refer to the specific data sheet.
- Maximum weight per runner: 1.5 kg.
- Maximum distance between runners: 10 mm.

# Traversing capacity for "Classic" and "Ripplefold" curtain

	G	lydea™ 3	35	Glydea™ 60e		Glydea™ 60e Tandem		andem	
Track type	3m	6m	10m	6m	10m	15m	6m	10m	15m
A •	35*	35*	35	60	60				
B •	35*	35*	35	60	60				100
C T	35*	35*		35					
D	35*	15*		35					
E 🗐	15			35					
F 🗐	15			35	30				50
G A	35								
H A	15								

\*Capacity limit for Master Carrier GA 35.

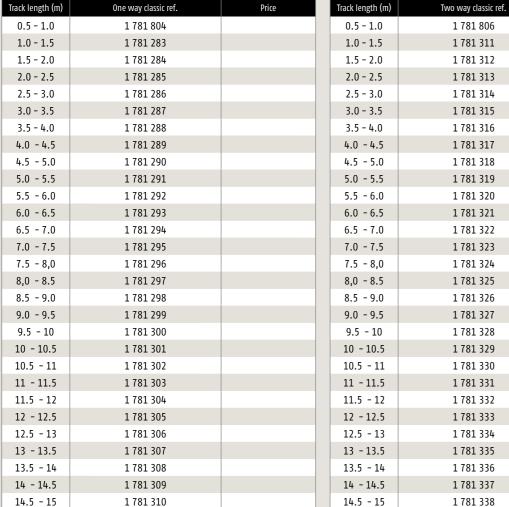
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# Ordering and pricing

Step 1: Select track

# 1 CLASSIC TRACKS







nack length (III)	IWO Way Classic Iel.	Plice
0.5 - 1.0	1 781 806	
1.0 - 1.5	1 781 311	
1.5 - 2.0	1 781 312	
2.0 - 2.5	1 781 313	
2.5 - 3.0	1 781 314	
3.0 - 3.5	1 781 315	
3.5 - 4.0	1 781 316	
4.0 - 4.5	1 781 317	
4.5 - 5.0	1 781 318	
5.0 - 5.5	1 781 319	
5.5 - 6.0	1 781 320	
6.0 - 6.5	1 781 321	
6.5 - 7.0	1 781 322	
7.0 - 7.5	1 781 323	
7.5 - 8,0	1 781 324	
8,0 - 8.5	1 781 325	
8.5 - 9.0	1 781 326	
9.0 - 9.5	1 781 327	
9.5 - 10	1 781 328	
10 - 10.5	1 781 329	
10.5 - 11	1 781 330	
11 - 11.5	1 781 331	
11.5 - 12	1 781 332	
12 - 12.5	1 781 333	
12.5 - 13	1 781 334	
13 - 13.5	1 781 335	
13.5 - 14	1 781 336	
14 - 14.5	1 781 337	
14.5 - 15	1 781 338	

#### Surcharges: bends and curves

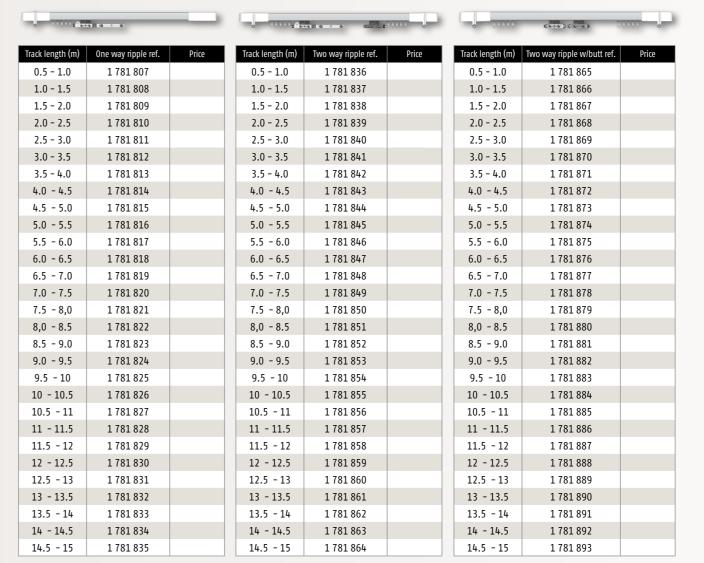
Designation and track shapes (Unit =1)	Reference	Price
Bending of Glydea rail	9 015 717	
Curving of Glydea rail	9 015 718	
Packaging for bent track	9 015 719	

# Components included

- 1 runner per every 10 cm
- 1 hook for one way track
- 2 hooks for two way track
- Arms as shown
- 1 rail joint for rail over 5140 mm
- 2 rails joints for railover 10140 mm

All information subject to change without prior notice

# RIPPLE CURTAIN TRACKS: 54 MM (2 1/8") PITCH



#### Surcharges: bends and curves

Designation and track shapes (Unit =1)	Reference	Price
Bending of Glydea rail	9 015 717	
Curving of Glydea rail	9 015 718	
Packaging for bent track	9 015 719	

# **Components included**

- 1 runner per every 54 mm of track
- 1 hook for one way track
- 2 hooks for two way track
- Arms as shown
- 1 rail joint for rail over 5140 mm
- 2 rails joints for railover 10140 mm

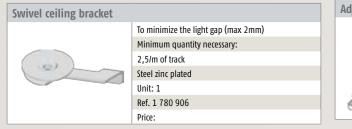
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## Step 2: Select motors

Motors		Ref.	Price
	Glydea™ 35 DCT EU 1.5M: Dry contact and IR control, 3 wire 1.5M cable Unit 1	1 001 261	
	Glydea™ 35 WT EU 1.5M: AC switching control, 4 wire 1.5M cable Unit 1	1 001 525	
	Glydea™ 35 RTS 433 EU 1.5M: Dry contact and IR and RTS control, 3 wire 1.5M cable Unit 1	1 001 263	
100	Glydea™ 60e DCT EU 1.5M: Dry contact and IR control, 3 wire 1.5M cable Unit 1	1 001 265	
	Glydea™ 60e WT EU 1.5M: AC switching control, 4 wire 1.5M cable Unit 1	1 001 537	
	Glydea™ 60e RTS 433 EU 1.5M: Dry contact and IR and RTS control, 3 wire 1.5M cable Unit 1	1 001 264	

#### Step 3: select brackets





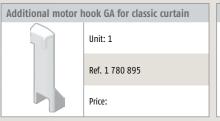


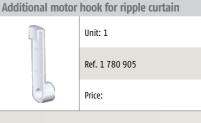




all br	acket
	Used with either ceiling bracket
	Minimum quantity necessary:
7	2,5/m of track
	Steel, white color
	Unit: 1
19	Ref. 1 780 910
	Price:

# Step 4: Select optional harware







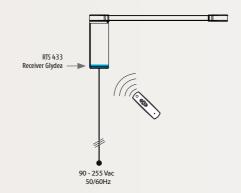


#### All information subject to change without prior notice.

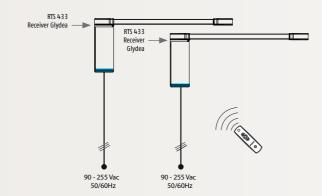
### Step 5: Select controls

# 1 GLYDEA™ RTS RADIO CONTROL

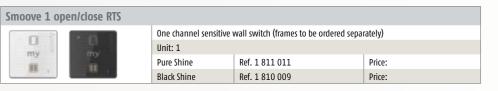
# Individual control with Telis transmitter or/and wall switch (Glydea™ DCT motor + RTS 433 receiver)

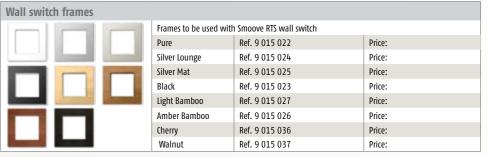


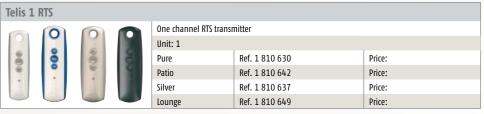
## Group and individual control with 4 channels Telis transmitter (Glydea™ DCT motors + RTS 433 receiver)

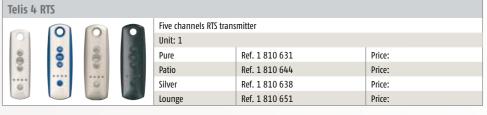


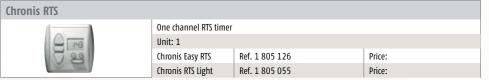


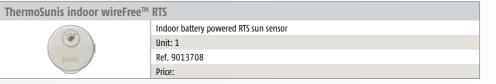








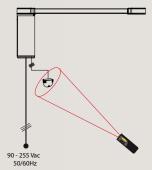




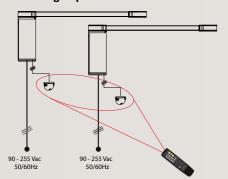
All information subject to change without prior notice.

# **2** GLYDEA™ DCT MOTORS WIRED AND INFRARED CONTROL

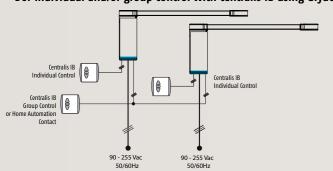
## Infrared individual control with IR3 sensor and IR1



## Infrared group control with IR3 sensor and IR8



# DCT individual and/or group control with centralis IB using Glydea™ DCT splitter

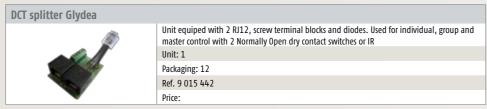


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# Infrared One Channel transmitter Unit: 1 Packaging: 10 Ref. 1 870 133 Price:

# Infrared Eight Channels transmitter Unit: 1 Packaging: 10 Ref. 1 870 132 Price:

Infrared sensor, compatible with Somfy IR1 & IR8, and all Universal IR transmitter
To be used with RJ9/RJ12 adapter Ref. 9 014 068
Unit: 1
Packaging: 10
Ref. 9 154 205
Price:



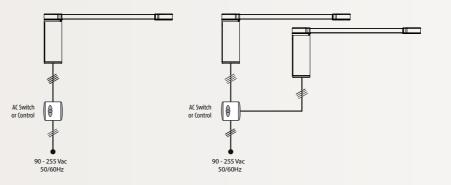


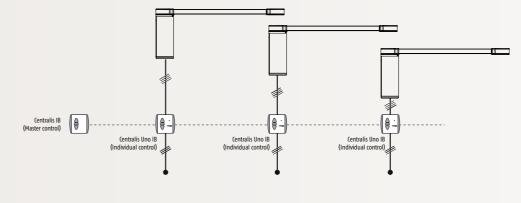
able DCT 2.5m	
	Cable equipped with a RJ 12 connector
	Unit: 1
	Packaging: 10
	Ref. 9 015 443
	Price:

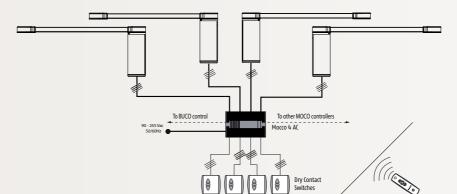
 Glydea<sup>™</sup> DCT motors are compatible with Home Automation Dry Contact System and Universal Infrared transmitter.

# 3 GLYDEA™ WT MOTOR WIRED CONTROL

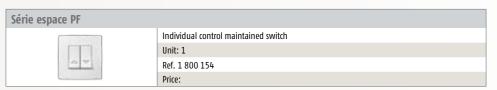
# Individual or group control with AC switch

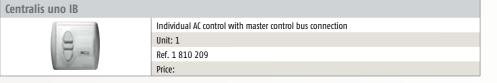


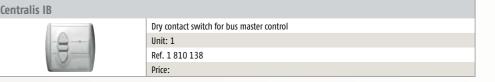


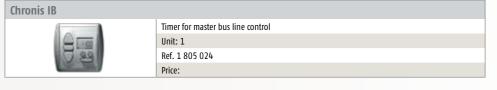


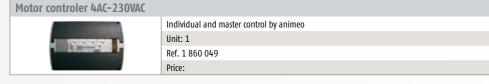
# Inis uno inteo PF Individual control maintained switch Unit: 1 Ref. 1 800 016 Price:

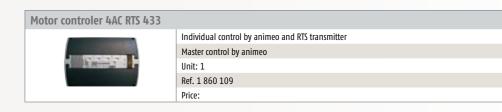












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# Part list

#### **Motors & Controls**





DCT splitter Glydea™		
	Unit: 1	Packaging: 12
	Ref. 9 015 442	
	Price:	

## Track components

Drive pulley GA

Motor bottom cover GA

Rail 16' / 5 m by 6 GA

Rail joint GA

# Pulley GA Pulley assembly to put opposite the motor side with bush bearing Unit: 1 Packaging: 10 Ref. 1 780 897 Price:

with bush bearing

Ref. 1 780 945

Ref. 9 015 579

Unit: 1 rail

To link two rails

Ref. 1 780 891

Ref. 1 780 899 / 1 781 379

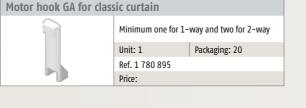
Motor bottom cover spare part

Packaging: 10

Packaging: 6 / 4

16' / 5 m long Glydea track aluminium profile

Pulley assembly to use on the motor side











# Accessories for "classic" curtain with flexible master carrier

Adjustable wall mount bracket GA

10 mm belt 100m roll GA

Cushion for belt GA

Bracket with minimum 100 mm projection

Wall bracket to mount 2 rails equiped with swivel or one touch ceiling bracket. 200 mm

projection, 27 mm extension and 100 mm

T5 timing belt with 5 steel core tension cord,

with textile on the back and the tooth

Rubber part to be positionned in the

assembled track to prevent the belt off splitted track transported folded

Packaging: 1

Packaging: 100 m

Packaging: 100

and 34 mm extension, to use with swivel

or one touch ceiling bracket

Ref. 1 780 909

between rails.

Ref. 1 780 910

Ref. 1 780 900

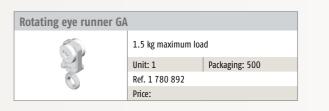
Ref. 1 780 955

Double adjustable wall mount Bracket GA GA





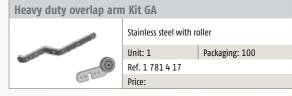


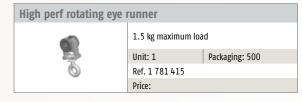


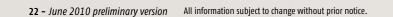
# Accessories for "classic" curtain with heavy duty master carrier



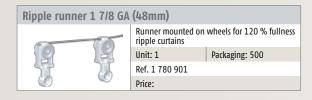
Heavy duty straight arm GA								
O STATE OF THE STA	Stainless steel							
	Unit: 1	Packaging: 100						
	Ref. 1 781 4 16							
	Price:							







# Accessories for "ripple" curtain with Heavy Duty Master Carrier

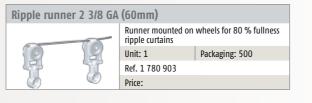






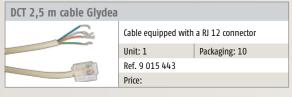


Ripple overlap arm kit							
	Stainless steel with roller						
0	Unit: 1	Init: 1 Packaging: 10					
	Ref. 1 780 947						
0	Price:						



Ripple butt arms k-it						
	Stainless steel					
	Unit: 1 Packaging: 10					
	Ref. 1 780 953					
	Price:					

# **Electrical accessories**



RJ9 / RJ12 adapter						
	Necessary to adapt IR3 ILT sensor					
	Unit: 1	Packaging: 10				
	Ref.9 014 068					
	Price:					





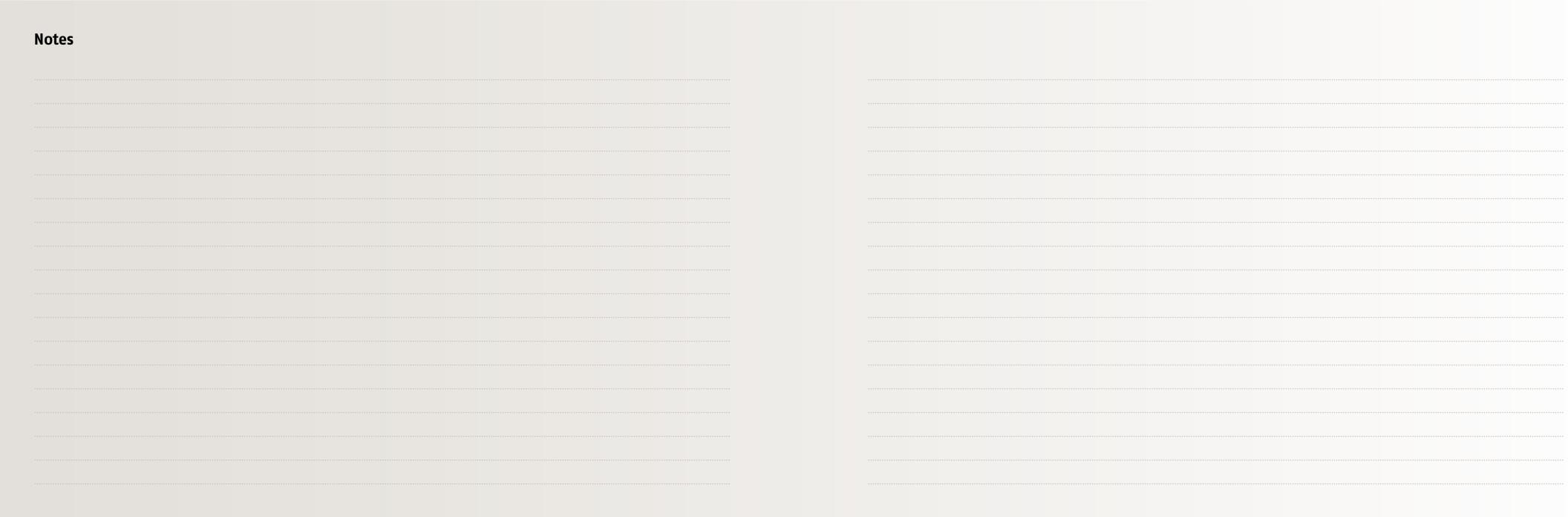
# form Glydea™

INVOCE TO	<b>DELIVERY ADDRESS</b>
Company name:	Company name:
Address:	Address:
Tel.:	Tel.:
Fax:	Fax:
Contact:	Contact:
DATECUSTOMER N°	YOUR REFERENCE

CUSTOMER I

Tand Curtain		Braket type	One touch						
_		Brake	Swivel						
Two Way Motor on the right			Motor references						
Two Way Motor on the left		Track	Length in mm						
Two Motor o	ersion		Ripplefold with but arm						
One Way Motor on the right	ed track v	CURTAIN TYPE	Ripplefold						
Word	motorize		Classic						
One Way Motor on the left	Assembled motorized track version	Track type	version or catalogue reference						
	-							 	

olgijatuje o otaliju					
סנוופוז מרנבזאטוופא מוות נטוונוטוא	Quantity				
	Reference				
	Designation				



June 2010 preliminary version - 27

#### Somfy

50 avenue du Nouveau Monde BP 152 - 74307 Cluses cedex France T +33 (0)4 50 96 70 00 F +33 (1)4 50 96 71 89

