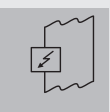


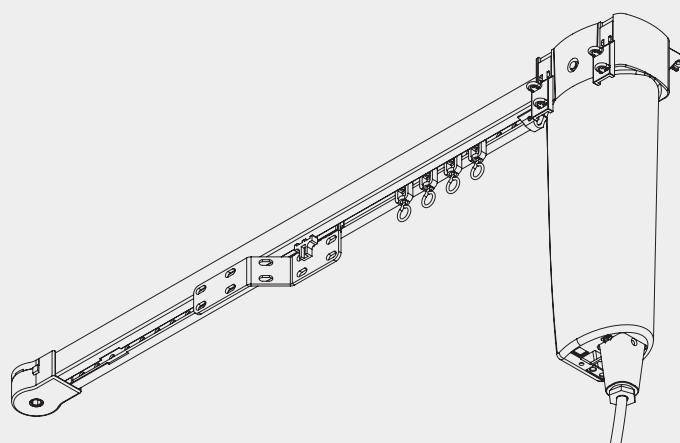
Electric Curtain Track Systems





Electric Curtain Track System

Silent Gliss® 5400



Product Information

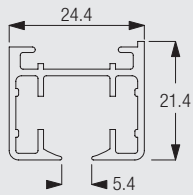
- Motorised curtain track system for contract and residential use.
- Strong, elegant appearance.
- The system 5400 is equipped with a motor 9020 (90-260VAC).
- Option of integrated radio receiver compatible with Silent Gliss radio remote control system 0450.
- Various other operating methods available. See motors/controls overview chart and the specific motor variations section.
- Stacking: single, pair and equal multiple stacks.
- Easy ceiling or wall fix. Recess fixing possible. The motor can also be mounted above the profile.
- Standard colours: white powder coated or anodised aluminium, bronze and black.
- Supplied assembled.
- Curtain travel speed 16cm/sec.
- Exceptionally quiet motor (<45dba (30cm)).
- Available with Wave Standard and Wave XL curtain heading systems.
- 0900 timer option available.



5400

Profile and Bending Information

Main profile

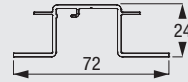


2191



Min. radius 250mm
Wave XL: Min. radius 500mm

Recess profile



5117

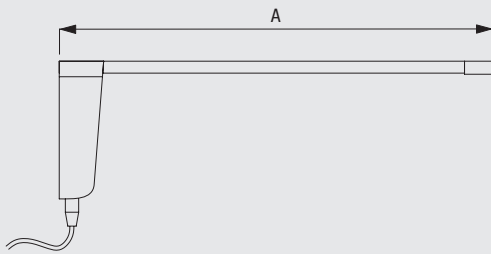


Note: It is important to observe the minimum bending radius for Wave XL. The system will not function with a smaller radius.

Specification Guide - download from Silent Gliss Extranet

Silent Gliss 5400 electrically operated curtain track, interference free with a built in low voltage interface allowing direct access to all automated control systems with memory for easy limit setting, anodised aluminium/powder coated, complete and assembled with motor 9020/9021, internal drive belt, belt guide/returns and roller gliders 6098 at 10m / Wave glider cord, 2191 profile top fixed with 3825 fixing clamps at approx 600mm centres, each clamp screwed to timber. With/without integrated radio receiver, wiring (by others measured elsewhere) to be strictly in accordance with Silent Gliss wiring diagrams.Lm in lengths.

How to Measure

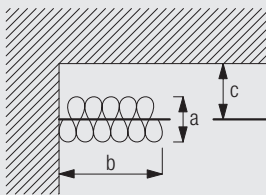


A: System width



5400

Stack size calculation Wave XL



a = Stack depth 35cm
b = Stack size
c = Min. distance 22cm

System width		77-107	108-143	144-179	180-215	216-251	252-287	288-323	324-359	360-395
	b	31	36	41	46	51	56	61	66	71
System width		396-431	432-468	469-503	504-539	540-575	576-611	612-647	648-683	684-719
	b	76	81	86	91	96	101	106	111	116
System width		720-755	756-791	792-827	828-863	864-899	900-935	936-971	972-1000	
	b	121	126	131	136	141	146	151	156	
System width		154-217	218-289	290-361	362-433	434-505	506-577	578-649	650-721	722-793
	b	31	36	41	46	51	56	61	66	71
System width		794-865	866-937	938-1000						
	b	76	81	86						

(dimensions in cm)

System Dimensions



10m



44kg

Max. Curtain Weight Chart

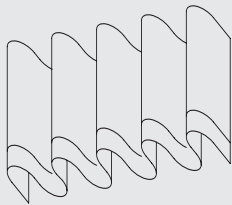
	Standard Application					Option Wave XL	
	2 m	4 m	6 m	8 m	10 m	6 m	10 m
	44	42	40	38	36	15	15
	44	42	40	38	36	15	15
	40	36	31	27	22	15	15
	40	36	31	27	22	15	15
	32	28	24	20	16	12	12
	32	28	24	20	16	12	12
	20	18	16	-	-	10	-
	20	18	16	-	-	10	-
	(kg max.)					(load limitation max. 2.5 kg per m)	

Please note: table above assumes curtain heading is completely below the profile. It is essential with electrically-operated curtain tracks to choose a system which can readily cope with the specific demands placed on it. The most crucial factor is the total weight of the curtains transported by it, but then come further questions such as how the curtains are stacked, are there bends involved, ceiling or wall fix, the type of curtain heading etc.

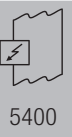
Please refer to load graphs on the application chart.

System Options

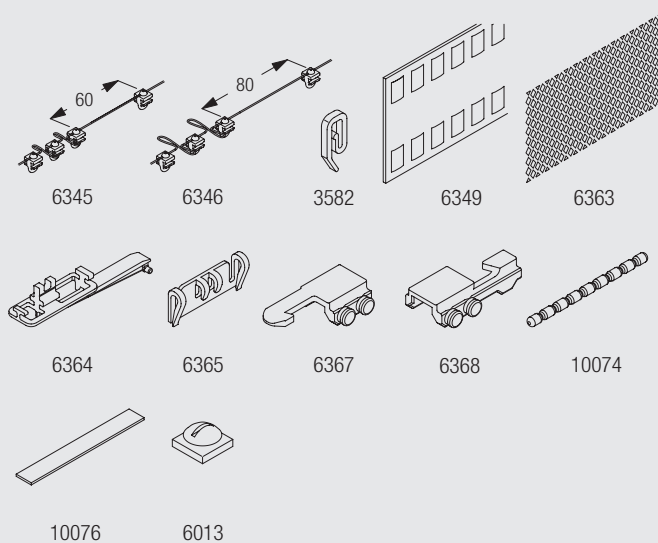
Wave Standard curtain heading system



System 5400 is compatible with Wave - an exciting new contemporary curtain heading system which allows curtains to hang in a continuous wave which is smooth, simple and elegant.



5400

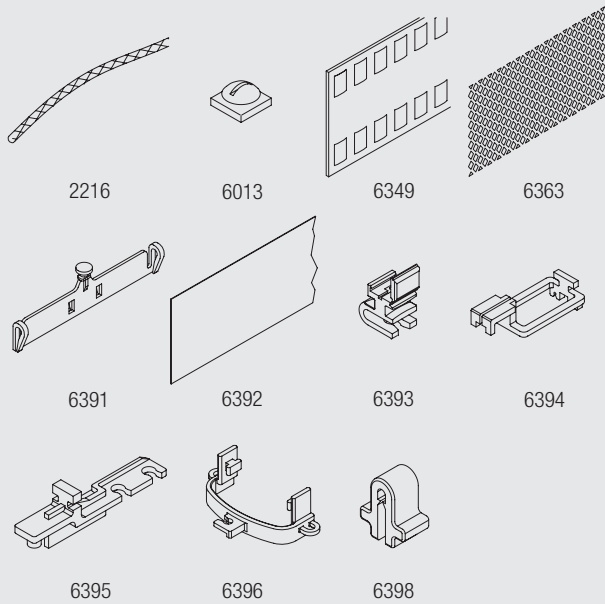


The Wave components are:

- 3582 Hook
- 6013 End stop
- 6345 Glider Cord 60 mm
- 6346 Glider Cord 80 mm
- 6349 Curtain tape
- 6363 Iron tape
- 6364 Extension
- 6365 Hanger
- 6367 Master carrier
- 6368 Carrier
- 10074 Lead weight 25gr/m
- 10076 Fabric weight

Wave XL curtain heading system

Wave XL is especially designed for high and large application areas through generously designed waves with large cross section dimensions.



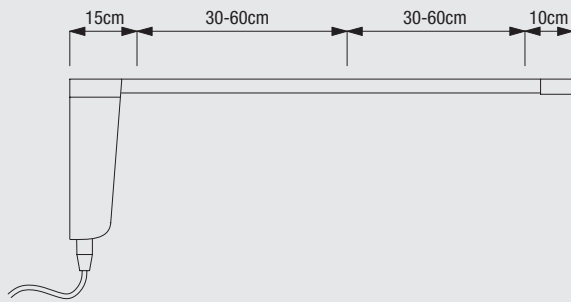
The Wave XL components are:

- 2216 Cord 0.85 mm
- 6007 End stop
- 6349 Curtain tape
- 6363 Iron tape
- 6391 Hanger
- 6392 Heading film
- 6393 Glider
- 6394 Carrier
- 6395 Extension
- 6396 Mask
- 6398 Clip

Fitting Information

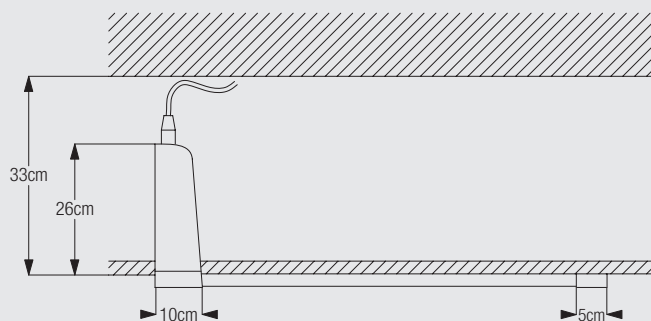
For all electrically operated curtain track systems, a connection point should be made available at a distance of no greater than 1 metre from the motor. This should be discreetly situated behind the curtain, taking care that the motor will not obstruct access to the socket.

Bracket and profile positioning

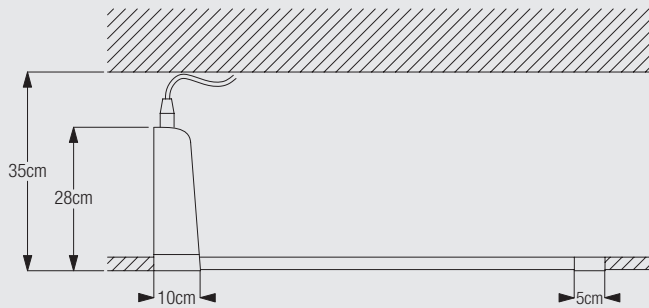


Higher edge of profile to the room side.

Motors can be recessed in hollow ceilings



With profile surface mounted with clamp 3825 or bracket 3826/3832 on the ceiling.

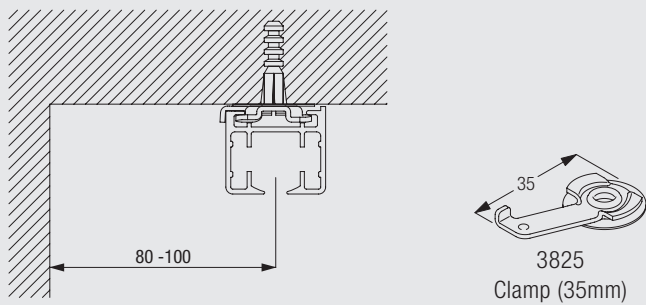


With profile 5117 recessed into ceiling.

Where the system is to be fitted to the ceiling, (recommended in most cases), the surface must be absolutely flat. Any unevenness will cause problems in fitting the clamps and will almost certainly affect the functioning of the system.

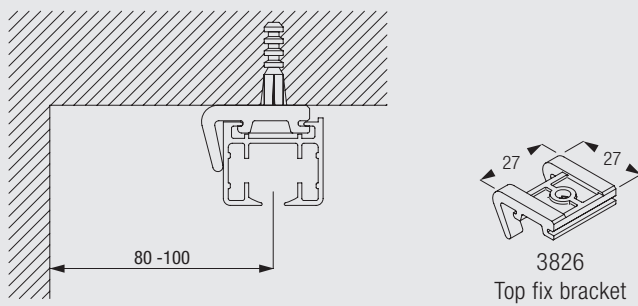
Fitting Options

Ceiling fix with clamp 3825

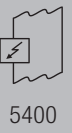


Min. distance from wall when using Wave XL: 220 mm.

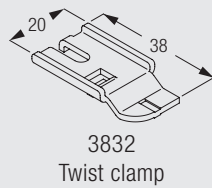
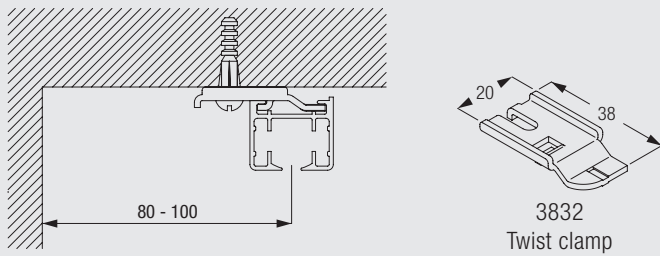
Ceiling fix with bracket 3826



Min. distance from wall when using Wave XL: 220mm.

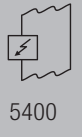
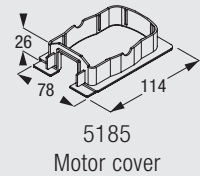
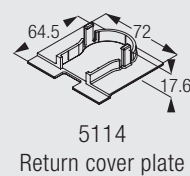
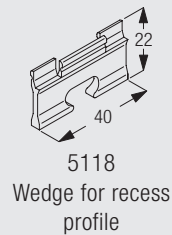
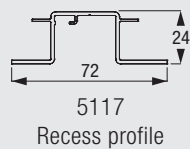
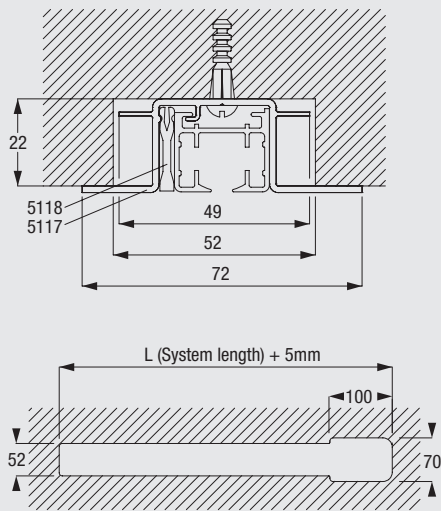


Ceiling fix with bracket 3832



Min. distance from wall when using Wave XL: 220mm.

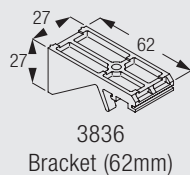
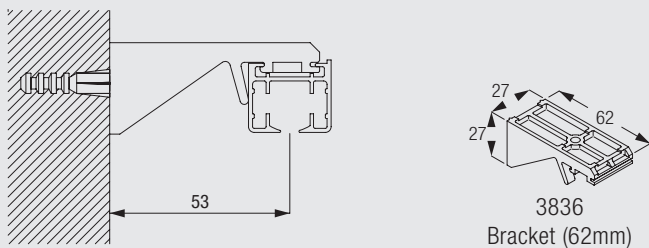
Recess fix with recess profile 5117



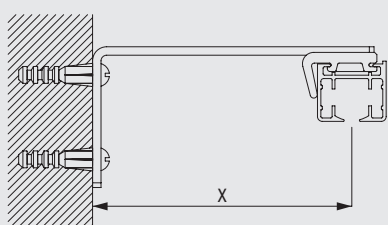
Ceiling cut out detail.

Min. distance from wall when using Wave XL: 220mm.

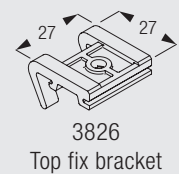
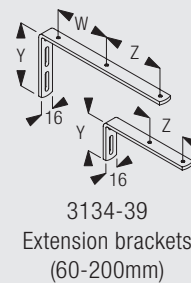
Wall fix with bracket 3836



Wall fix with brackets 3134-39 and bracket 3826

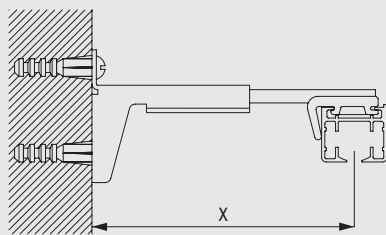


	x (mm)	w (mm)	y (mm)	z (mm)
3134	53	-	50	-
3135	73	-	50	50
3136	93	-	50	50
3137	113	-	80	50
3138	143	-	80	60
3139	193	85	80	85

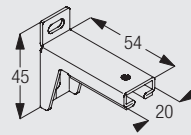


Brackets feature thread for screw M4x8 (6748) for fixing the bracket 3826.

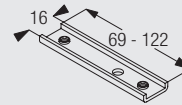
Wall fix with adjustable brackets 3275-77



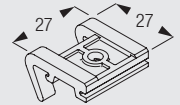
	x (mm)
3275	72-94
3276	86-117
3277	117-148



3271
Adjustable bracket
base



3272-74
Bracket arm



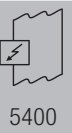
3826
Top fix bracket

Brackets 3275-3277 are a combination of bracket support 3271 and bracket arm 3272, 3273 or 3274. Brackets feature thread for screw M4x8 (6748) for fixing the bracket.

Standard Accessories

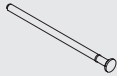


Single Parts

0562	Lead with in-line connector		0615	Latching switch inc. pattress box	
2191	Profile		3825	Clamp (35mm)	
5002	Right hand overlap arm (pair stack)		5003	Overlap arm (single stack)	
5004	Overlap arm left (pair stack)		5112	Mask for pair stack	
5120	Master carrier		5130	Driving Belt	
6086	Spring stop		6098	Roller glider with eye	
9020	Motor 90-260V AC				



Sets

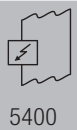
9121	Driving set for 5400, containing:	5127	Clip	1	
		5110	Mask	2	
		5005	Master carrier	2	
		5147	Support	1	
		2193	Belt return set	1	

5149	Securing pin	1	
5152	Driving wheel	1	
5186	Case gear drive	1	








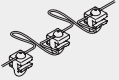











Optional Accessories

Single Parts

0521	Lead for klik socket		0565	Non-latching switch	
0766	In-line connector (complete/no lead)		0913	Wall mounted switch single-channel BS Brushed Stainless/MP Mirror Polish/BR Brass	
0914	Wall mounted switch 8-channel BS Brushed Stainless/MP Mirror Polish/BR Brass		0915	Hand held transmitter single-channel	
0916	Hand held transmitter 8-channel		0917	White pattress box	
2216	Cord		3133	Bracket cover (60mm)	
3134	Extension bracket (60mm)		3135	Extension bracket (80mm)	
3136	Extension bracket (100mm)		3137	Extension bracket (120mm)	
3138	Extension bracket (150mm)		3139	Extension bracket (200mm)	
3271	Adjustable bracket base		3272	Adjustable bracket arm (69mm)	
3273	Adjustable bracket arm (92mm)		3274	Adjustable bracket arm (122mm)	
3582	Hook		3826	Top fix bracket	
3832	Twist clamp		3836	Bracket (62mm)	
5114	Return cover plate		5115	Connecting bridge	
5117	Recess profile		5118	Wedge for recess profile	
5185	Motor cover		5651	Programming cable	



5400

5741	Klik plug		5742	Klik socket	
6007	Endstop		6064	Screw twist endstop	
6094	Roller glider with hook		6283	Roller glider	
6345	Wave glider cord (60mm)		6346	Wave glider cord (80mm)	
6349	Wave curtain heading tape		6363	Top hemming tape	
6391	Hanger		6392	Heading film	
6393	Glider		6394	Carrier	
6395	Extension		6396	Mask	
6398	Clip		6748	Cheese head machine screw (M4)	
9021	Motor 90-260V AC with integral radio receiver		3133L	Extended bracket cover for 3138/9	

Useful Measurements

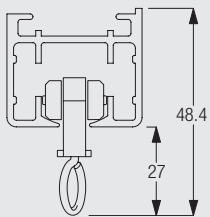
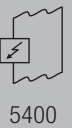


Diagram uses standard gliders measured to the inside of the glider eye. For optional gliders substitute dimensions below:

6283 = 7mm



5400

Overview Motors and Controls

Motor 9020-9021 (90-260V AC)	Standard	Option
		With built-in radio receiver
Motor Nr.	9020	9021

Motor Features

Interference free	•	•
Electronic limit settings (with memory to protect against power failure)	•	•
Thermal overload protection	•	•
Meets the standards ETL/UL, CE/IECEE-CB, CCC	•	•
Shaft rotation reversible	•	•
Smooth operation with soft start and soft stop	•	•
Automatic obstacle detection	•	•
2 programmable scenes (intermediate stops)	•	•
Standard status LED indicator	•	•
Can be stopped at any position	•	•

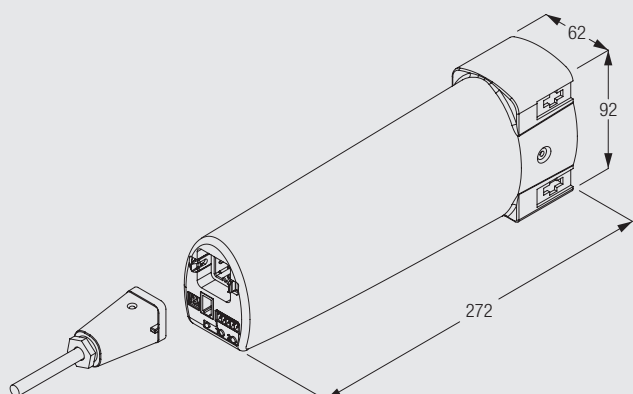
Control Features

Silent Gliss radio control 0450		•
Other remote controls (IR, radio) with external devices possible	•	
Timer and Light sensor connections possible	•	
Suitable for all common home automation and bus systems	•	•
Switching by the mains group - no relays required	•	
Switching by low voltage inputs group (max. 15 motors) and individual	•	•
Mains 230V simultaneous or individual operation	•	
0900 Timer option	•	



5400

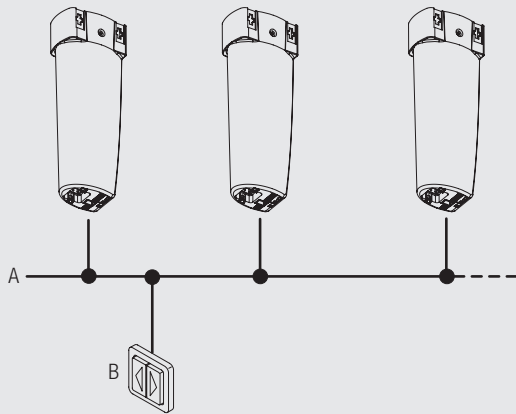
Motor 9020 / 9021 (90-260VAC)



- Voltage: 90-260VAC
- Frequency: 50/60Hz
- Current: 230V, 0.5A/115V, 1.0A
- Speed: 110rpm
- Noise level: < 45dBA (30cm)
- Thermal overload protection
- ETL/UL, CE/IECEE Standard
- Electronic end stop
- 2 x programmable intermediate stops
- Weight: 1kg

Operating Methods

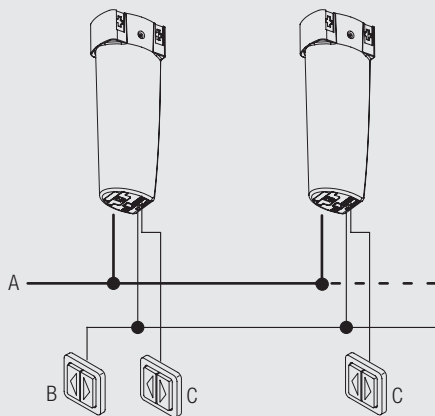
Simultaneous control via mains switching (9020 only)



A: 90-260VAC supply (2core + earth)
B: Switch and supply

The "Open-Close" function can only be operated by latched switch.
Electronic operation with "Open-Close" at any desired position.
Up to 12 systems can be operated via mains connections without relays
subject to suitable switches and wiring.

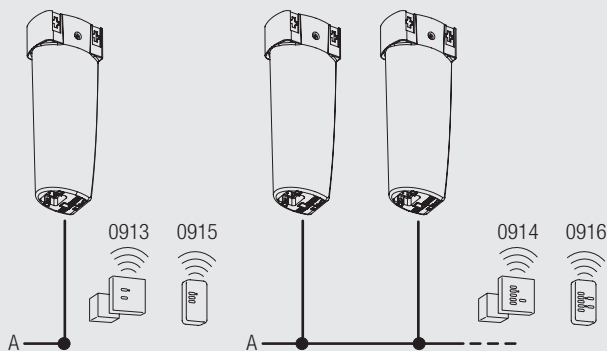
Individual and simultaneous operation via low voltage control (9020 and 9021)



A: 90-260VAC supply (2 core + earth)
B: Low voltage simultaneous (24VDC 3 core)
C: Low voltage individual (24VDC 3 core)

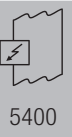
Electronic operation with "Open-Close" at any desired position.
Simultaneous and/or individual operation of single or multiple systems,
by low voltage switch.
Up to 15 systems can be operated via low voltage.

Radio control (9021 only)



A: 90-260V supply (2 core + earth)
0913/0915: Transmitter 1 channel
0914/0916: Transmitter 8 channel and simultaneous

Combination of radio and low voltage inputs is possible.
Inside a sphere of 25m an indefinite number of motors can be controlled
over 1 channel.



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Wiring Connections

Wiring diagrams are available on the Silent Gliss Extranet. Please contact Silent Gliss for information on access.



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