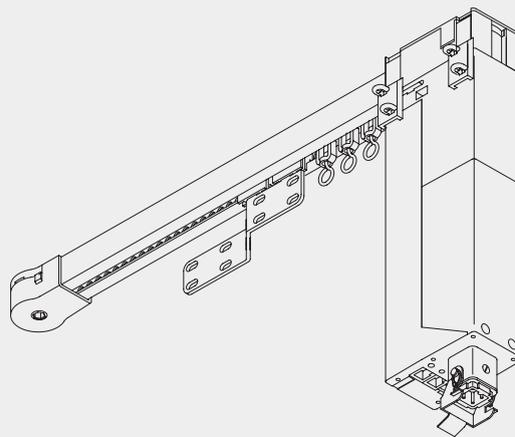


Electric Curtain Track System

Silent Gliss® 5100



Product Information

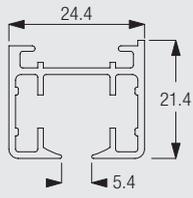
- Motorized curtain track system for contract as well as residential use.
- The maximum size of the system depends on fabric weight, application and the motor option. Straight applications with single or double stack can go up to a max. width of 10 m. The max. curtain weight is 46 kg.
- Stacking: single, pair and multiple stacks. For symmetric applications.
- Large and attractive fabric offer.
- Easy ceiling or wall fix. Recess fixing possible. The motors can also be mounted above the profile.
- The minimum bending radius is 25 cm.
- Strong elegant appearance.
- Standard colours: anodised aluminium or white powder coated.
- The system 5100 can be equipped with 3 different, precision-engineered Swiss motor options, depending on the application: Silent Gliss 5100 BASIC (Motor 9012), Silent Gliss 5100 ELECTRONIC (Motor 9011) and Silent Gliss 5100 INTELLIGENT (Motor 9010).
- Various operation methods available. See motors/controls overview chart and the specific motor variations section.
- Supplied complete with motor connected.



5100

Profile and Bending Information

Main Profile

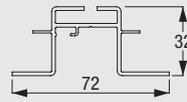


2191



Min. radius 25 cm

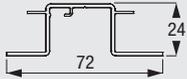
Recess profile for suspended ceilings



5116



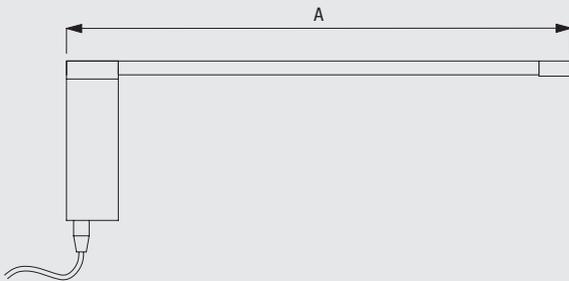
Recess profile



5117



How to measure



A: system width



5100

System Dimensions



10 m



46 kg

Max. Curtain Weight Chart

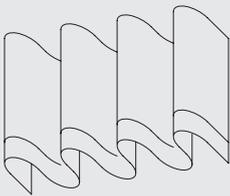
	2 m	4 m	6 m	8 m	10 m
	44	42	40	38	36
	44	42	40	38	36
	40	36	31	27	22
	40	36	31	27	22
	32	28	24	20	16
	32	28	24	20	16
	20	18	16	-	-
	20	18	16	-	-
(kg max.)					

System 5100 is supplied with various motor options. For exact maximum dimensions, please refer to the Maximum Curtain Weight Charts in the Motors & Controls section.

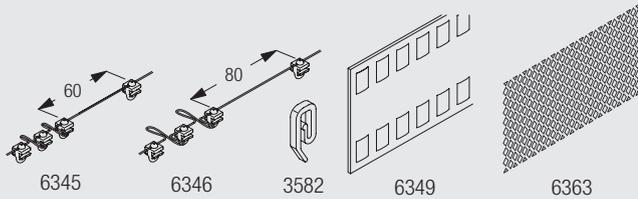
It is essential with electrically-operated curtain tracks to choose a system which can readily cope with the specific demands to be placed on it. The most crucial factor is the total weight of the curtains to be transported by it, but then come further questions such as how the curtains are to stack,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

System Options

Wave curtain heading system



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



The Wave components are:

- 6345 Glider Cord 60mm
- 6346 Glider Cord 80mm
- 3582 Hook
- 6349 Curtain tape
- 6363 Iron tape

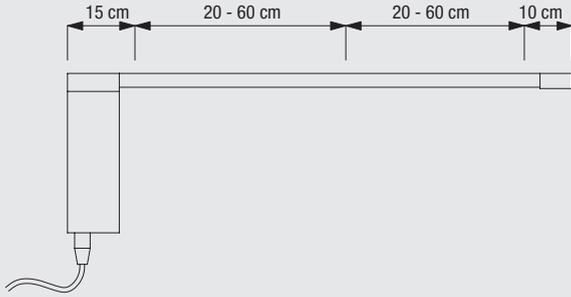


5100

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.

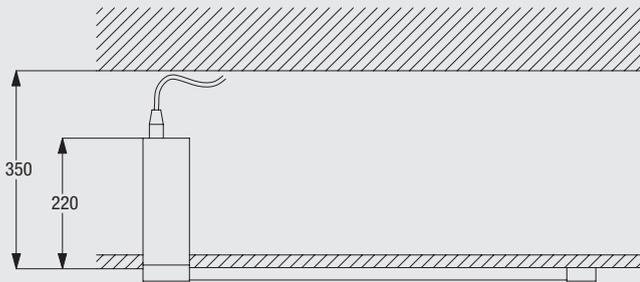
Bracket and Profile Positioning



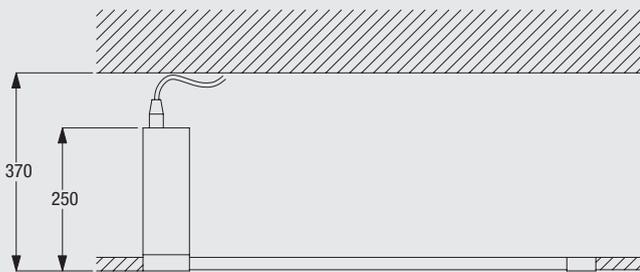
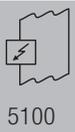
The effective measures are defined by the actual height and width of the curtain, its structure and make-up type.

Higher edge of profile to the room side.

Motors can be recessed in hollow ceilings



With profile surface mounted on the ceiling.

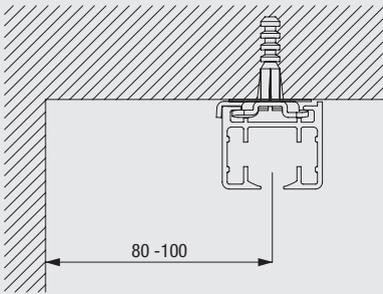


With profile recessed into ceiling.

Fixing Preparation

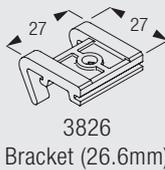
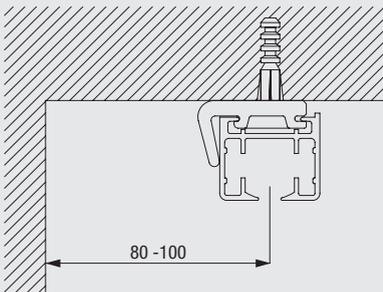
Where the system is to be fitted to the ceiling, (recommended in most cases), the surface must be absolutely flat. Any unevenness will cause problems in fitting the clamps and will almost certainly affect the functioning of the system.

Ceiling fitting with clamp 3825



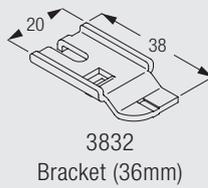
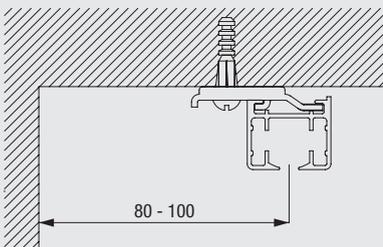
3825
Clamp

Ceiling fitting with bracket 3826



3826
Bracket (26.6mm)

Ceiling fitting with bracket 3832

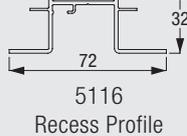
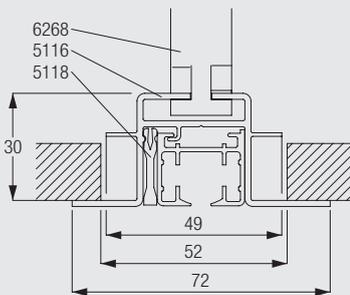


3832
Bracket (36mm)



5100

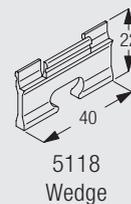
Recess fitting in suspended ceiling with recess profile 5116 and hanger 6268



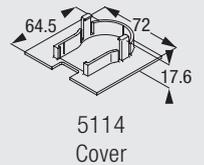
5116
Recess Profile



6268
Hanger

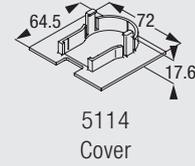
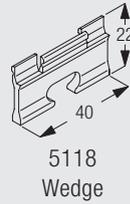
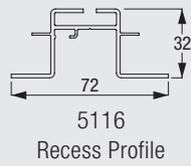
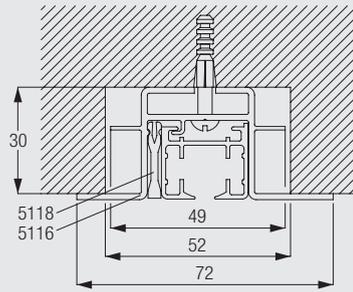


5118
Wedge

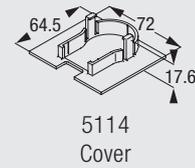
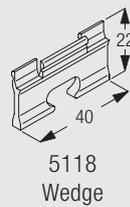
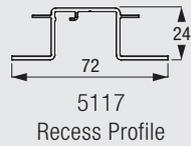
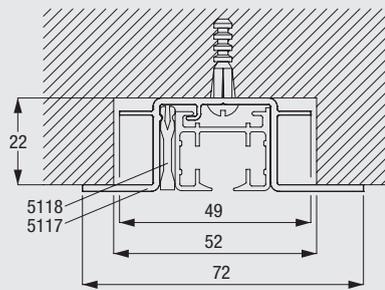


5114
Cover

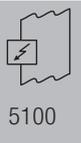
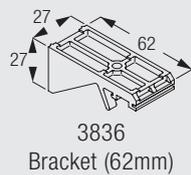
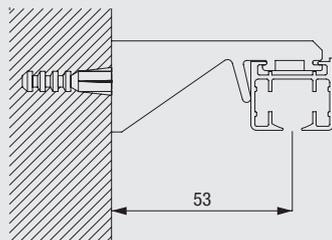
Recess fitting with recess profile 5116



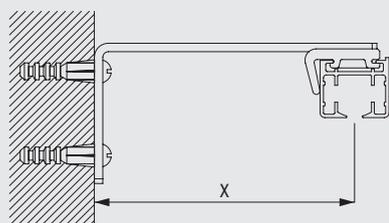
Recess fitting with recess profile 5117



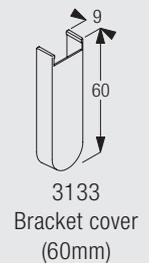
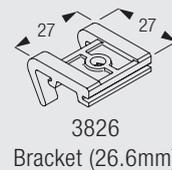
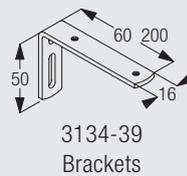
Wall fitting with bracket 3836



Wall fitting with brackets 3134-39 and bracket 3826

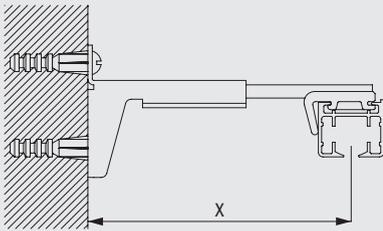


	X (mm)
3134	53
3135	73
3136	93
3137	113
3138	143
3139	193

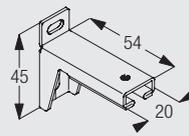


Brackets feature thread for screw M4x8 for fixing the bracket 3826.

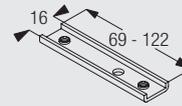
Wall fitting with adjustable bracket support 3271 / bracket plates 3272-74 and bracket 3826



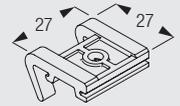
	X (mm)
3271/3272	73-108
3271/3273	95-125
3271/3274	125-155



3271
Bracket support



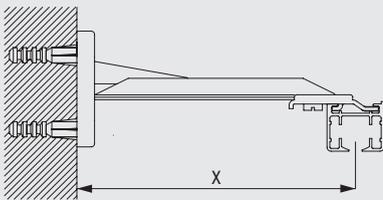
3272-74
Bracket plates



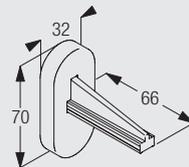
3826
Bracket (26.6mm)

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

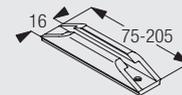
Wall fitting with bracket support 3222 / bracket plates 3226-29 and bracket 3832



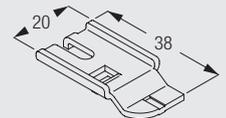
	X (mm)
3222/3226	92
3222/3227	132
3222/3228	182
3222/3229	222



3222
Bracket support



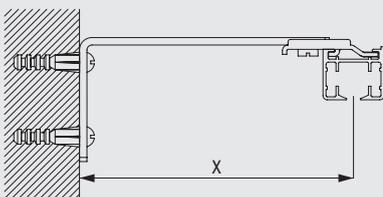
3226-29
Bracket plates



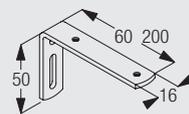
3832
Bracket (36mm)

Brackets feature thread for screw M4x6 for fixing the bracket 3832.

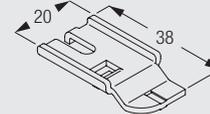
Wall fitting with brackets 3134-9 and bracket 3832



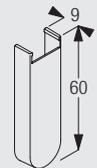
	X (mm)
3134	70
3135	90
3136	110
3137	130
3138	160
3139	210



3134-39
Brackets



3832
Bracket (36mm)



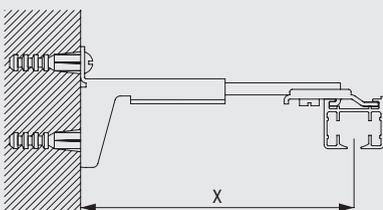
3133
Bracket cover
(60mm)



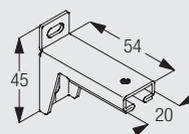
5100

Brackets feature thread for screw M4x8 for fixing the bracket 3832.

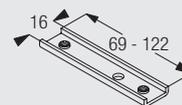
Wall fitting with adjustable bracket support 3271 / bracket plates 3272-74 and bracket 3832



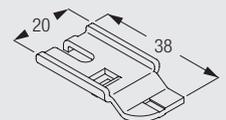
	X (mm)
3271/3272	80-115
3271/3273	102-132
3271/3274	132-162



3271
Bracket support



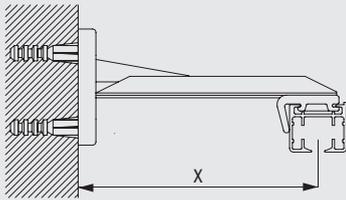
3272-74
Bracket plates



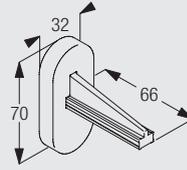
3832
Bracket (36mm)

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

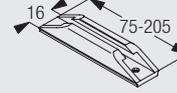
Wall fitting with bracket support 3222 / bracket plates 3226-29 and bracket 3826



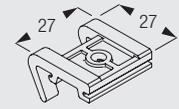
	X (mm)
3222/3226	77
3222/3227	117
3222/3228	167
3222/3229	207



3222
Bracket support



3226-29
Bracket plates



3826
Bracket (26.6mm)

Standard Accessories

Single Parts

2191 Profile



5004 Overlap arm



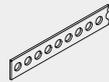
5110 Mask



5120 Pilot runner



5130 Driving Belt



6098 Roller



9101 Securing bow



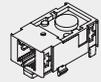
2193 Belt return



5005 Master carrier



5113 Gear drive



5127 Safety device



5147 Support



9010 Intelligent motor (3Nm)



5100

Sets

9111 Guide Set, containing

2193 Belt return

1



5004 Overlap arm

1



5005 Master carrier

1



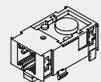
5110 Mask

1



5113 Gear drive

1

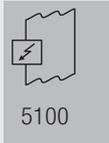


5120 Pilot runner

1



5127	Safety device	1	
5147	Support	1	
9101	Securing bow	1	



Optional Accessories

Single Parts

3133	Bracket cover (60mm)		3134	Bracket (60mm)	
3135	Bracket (80mm)		3136	Bracket (100mm)	
3137	Bracket (120mm)		3138	Bracket (150mm)	
3139	Bracket (200mm)		3222	Bracket support	
3271	Bracket support		3272	Bracket plate (69mm)	
3273	Bracket plate (92mm)		3274	Bracket plate (122mm)	
3825	Clamp		3826	Bracket (26.6mm)	
3832	Bracket (36mm)		3836	Bracket (62mm)	
5063	Overlap arm		5112	Mask	
5114	Cover		5115	Connecting bridge	
5116	Recess Profile		5117	Recess Profile	
5118	Wedge		6007	Endstop	
6086	Spring stop		6268	Hanger	
6283	Roller		6349	Curtain tape	
9011	Electronic motor (3Nm)		9012	Basic motor (1.5 and 3Nm)	

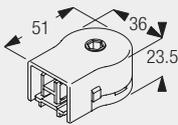
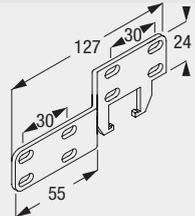
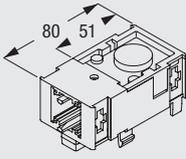
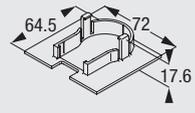
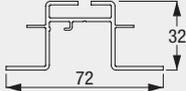
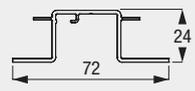


5100

Sewing Accessories

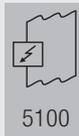
3582	Hook		3599	Hook	
6004	Eyelet		6005	Hook	

Useful Measures

2193	Belt return		5004	Overlap arm	
5113	Gear drive		5114	Cover	
5116	Recess Profile		5117	Recess Profile	

Overview Motors and Controls

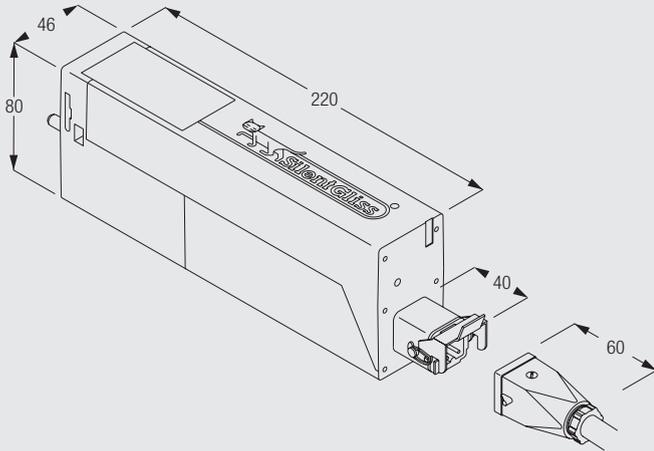
	9012 Basic	9011 Electronic	9010 Intelligent
Motor Features			
Interference free	●	●	●
Electronic limit settings (with memory to protect against power failure)	●	●	●
Thermal overload protection	●	●	●
Torque	1.5 / 3 Nm	3 Nm	3 Nm
Meets CEE and VDE standards	●	●	●
Shaft rotation reversible	●	prog.	prog.
Single switch operation		●	●
Can be stopped at any position		●	●
LON-Works bus technology approved			●
Control Features			
Mains 230V simultaneous and / or individual operation	●	●	●
Low voltage individual operation		●	●
Low voltage simultaneous operation		●	
Remote control 9920, simultaneous and / or individual operation			●
Control unit 9900, simultaneous or individual operation, additional functions like timer or multiple stop			●



These features represent only a small selection of a multitude of various control options.

Version BASIC (Motor Silent Gliss 9012)

Motor Silent Gliss 9012 BASIC



- Supplier: MicroMotor/Silent Gliss
- Torque: 1.5 Nm or 3 Nm
- Voltage: 230 V / 115 V / 100 V
- Frequency: 50 Hz / 60 Hz / 50 Hz
- Power: 80 W / 90 W / 70 W (1.5 Nm) and 120 W / 125 W / 105 W (3 Nm)
- Current: 0.45 A / 0.95 A / 0.8 A (1.5 Nm) and 0.6 A / 1.2 A / 1.1 A (3 Nm)
- Speed: 80 rpm / 100 rpm / 80 rpm (1.5 Nm) and 90 rpm / 110 rpm / 90 rpm (3 Nm)
- Thermal overload protection
- CEE Standard
- Electronic end stop
- Weight: 0.9 kg

The Silent Gliss 9012 motor is designed for simple low cost applications. Right/left shaft rotation is possible by reversing the wiring. This gives more flexibility when installing multiple systems. The entire motor is hidden behind the curtain.

Max. Curtain Weight Chart (3 Nm or 1.5 Nm)

	2 m	4 m	6 m	8 m	10 m
	44	42	40	38	36
	44	42	40	38	36
	40	36	31	27	22
	40	36	31	27	22
	32	28	24	20	16
	32	28	24	20	16
	20	18	16	-	-
	20	18	16	-	-

(kg max.)

	2 m	4 m	6 m
	20	20	18
	20	20	18
	18	14	10
	18	14	10
	16	12	8
	16	12	8

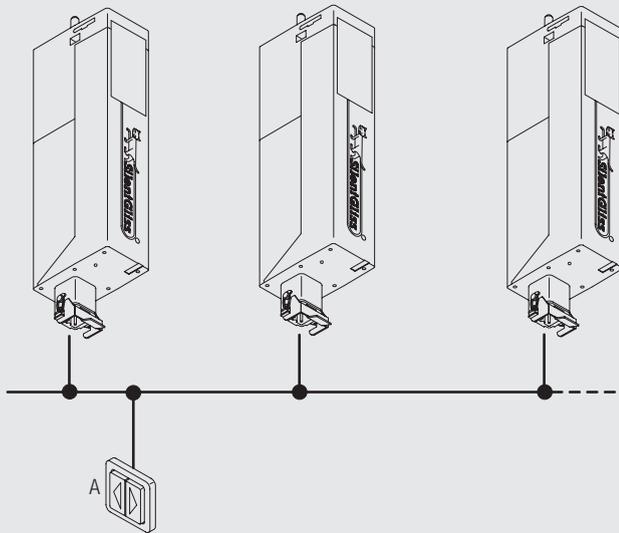
(kg max. / 1.5 Nm)



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Operating Methods

Combination of wall switch and multiple motors



A: 230V/115V

The "Open-Close-Stop" function can only be operated by maintained switch.

Electronic operation with "Open-Close-Stop" at any desired position
Simultaneous or individual operation of single or multiple systems, by low voltage switch only

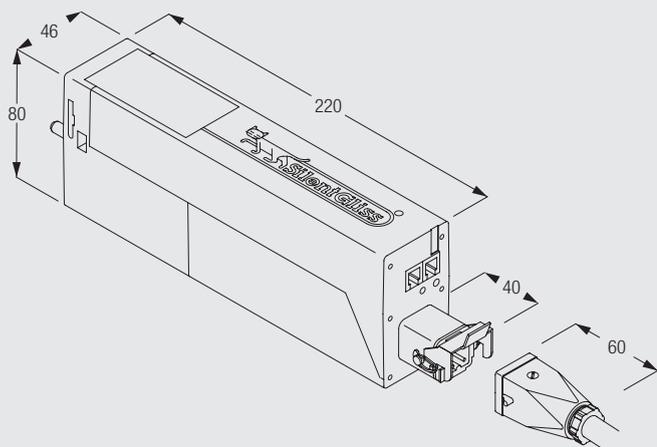
Up to 15 systems can be operated via low voltage or mains connections without relays

Wiring and Connections

Important: For these information please refer to our special section in the extranet.

Version ELECTRONIC (Motor Silent Gliss 9011)

Motor Silent Gliss 9011 ELECTRONIC



- Supplier: MicroMotor/Silent Gliss
- Torque: 3 Nm
- Voltage: 230 V / 115 V / 100 V
- Frequency: 50 Hz / 60 Hz / 50 Hz
- Power: 120 W / 125 W / 105 W
- Current: 0.6 A / 1.2 A / 1.1 A
- Speed: 90 rpm / 110 rpm / 90 rpm
- Thermal overload protection
- CEE Standard
- Electronic end stop
- Weight: 1.2 kg



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The Silent Gliss 9011 motor is designed to offer advanced features and electronics for sophisticated applications. Various systems can also be operated from low voltage switches individually or simultaneously.
Electronic limit setting (with memory to protect against power failure) and right/left programming offer more flexibility when installing multiple systems. The entire motor is hidden behind the curtain.

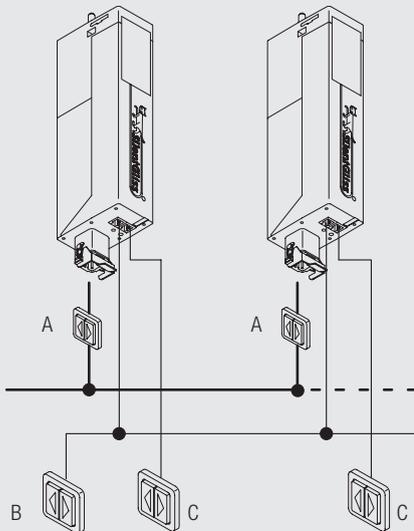
Max. Curtain Weight Chart

	2 m	4 m	6 m	8 m	10 m
	44	42	40	38	36
	44	42	40	38	36
	40	36	31	27	22
	40	36	31	27	22
	32	28	24	20	16
	32	28	24	20	16
	20	18	16	-	-
	20	18	16	-	-

(kg max.)

Operating Methods

Combination of wall switch and multiple motors



- A: 230V/115V mains individual
- B: Low Voltage simultaneous
- C: Low Voltage individual

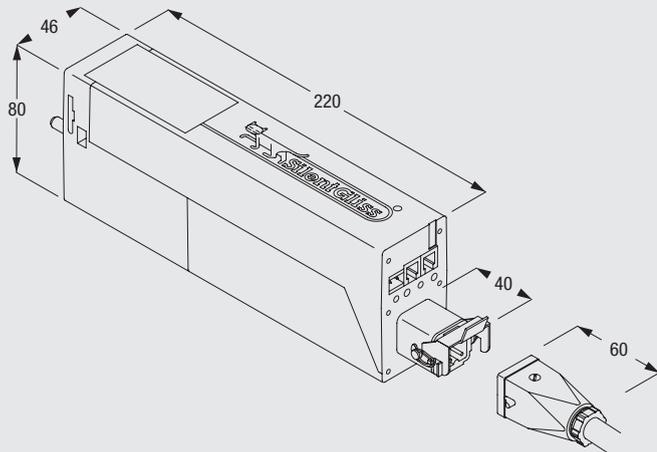
Electronic operation with "Open-Close-Stop" at any desired position
 Simultaneous or individual operation of single or multiple systems, by low voltage switch only
 Up to 15 systems can be operated via low voltage or mains connections without relays
 With a fixed low voltage switch an almost infinite number of systems can be operated individually or simultaneously

Wiring and Connections

Important: For these information please refer to our special section in the extranet.

Version INTELLIGENT (Motor Silent Gliss 9010)

Motor Silent Gliss 9010 INTELLIGENT



- Supplier: MicroMotor/Silent Gliss
- Torque: 3 Nm
- Voltage: 230 V / 115 V / 100 V
- Frequency: 50 Hz / 60 Hz / 50 Hz
- Power: 120 W / 125 W / 105 W
- Current: 0.6 A / 1.2 A / 1.1 A
- Speed: 90 rpm / 110 rpm / 90 rpm
- Thermal overload protection
- CEE Standard
- Electronic end stop (with memory)
- Weight: 1.2 kg

The Silent Gliss 9010 motor offers the latest BUS technology for modern building management applications and a total compatibility with LonWorks BUS technology.

A vast choice of control features make this system one of the most advanced and intelligent systems on the market. For remote control applications, mixed voltage systems and home automation.

Right/left programming offer more flexibility when installing multiple systems. Multiple stop for home theatres enables electronic setting of intermediate positions (only with control unit Silent Gliss 9900). The entire motor is hidden behind the curtain.

Max. Curtain Weight Chart

	2 m	4 m	6 m	8 m	10 m
	44	42	40	38	36
	44	42	40	38	36
	40	36	31	27	22
	40	36	31	27	22
	32	28	24	20	16
	32	28	24	20	16
	20	18	16	-	-
	20	18	16	-	-

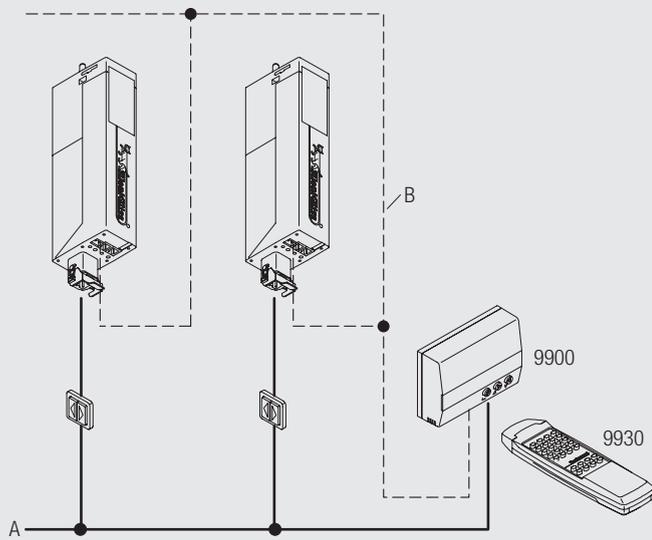
(kg max.)



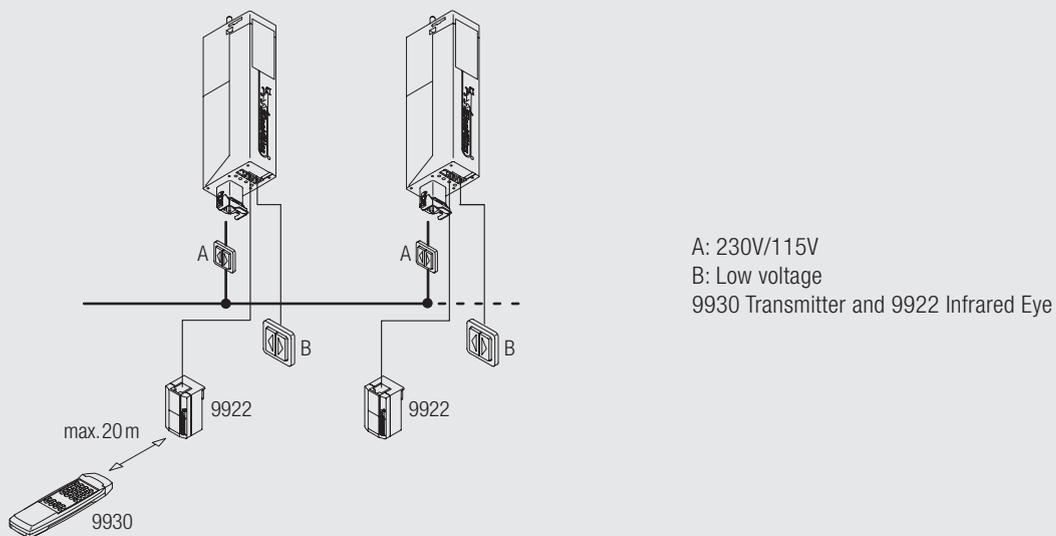
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Operating Methods

Combination of Control Unit / transmitter / wall switch / multiple motors



Combination of IR-Eye / transmitter / wall switch / multiple motors



Wiring and Connections

Important: For these information please refer to our special section in the extranet.



5100