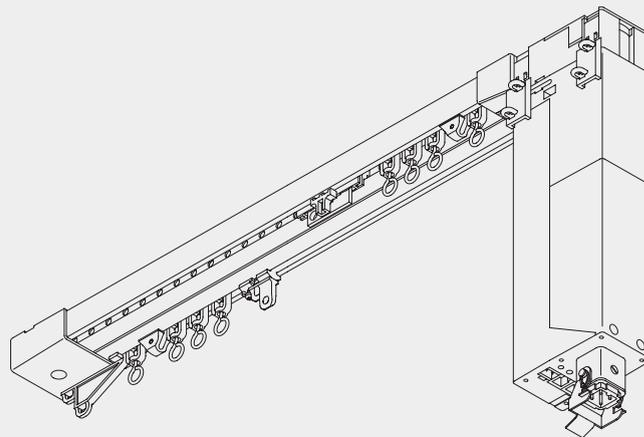


Electric Curtain Track System

Silent Gliss® 5140



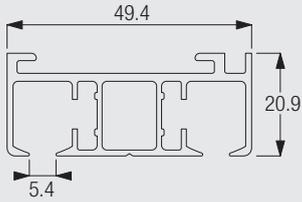
Product Information

- Motorized 2-channel curtain track system for contract use.
- Unlimited overlapping of the curtains without the need of an overlap arm due to 2-channel profile.
- 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 and asymmetric 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 50 cm.
- Strong elegant appearance.
- Standard colours: anodised aluminium or white powder coated.
- The system 5140 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.



5140

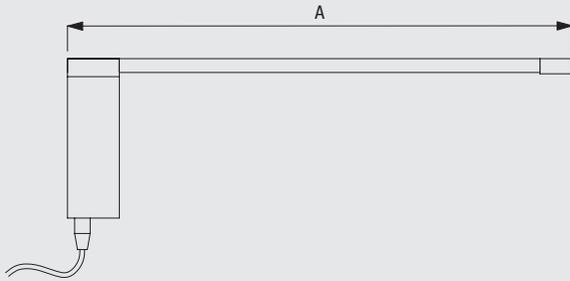
Profile and Bending Information



5141



How to measure



A: system width

System Dimensions



10 m



46 kg

Max. Curtain Weight Chart



5140

	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.)

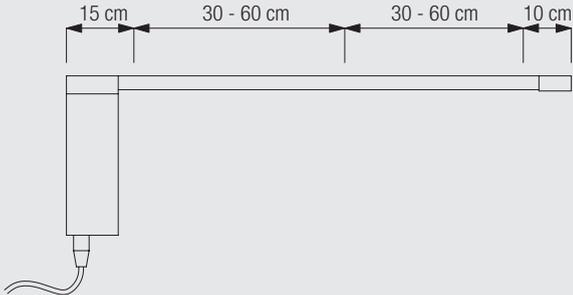
System 5140 is supplied with various motor options. For exact maximum dimensions, please refer to the Maximum Curtain Weight Charts in the Motors & Controls section.

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.

Fitting Information

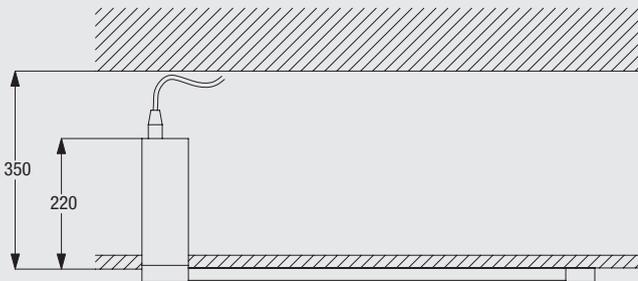
For all electrically operated curtain track systems, a connection point should be made available at a distance of no greater than 1 metre from the motor. This should be discreetly situated behind the curtain taking care that the motor will not obstruct access to the socket.

Bracket and Profile Positioning

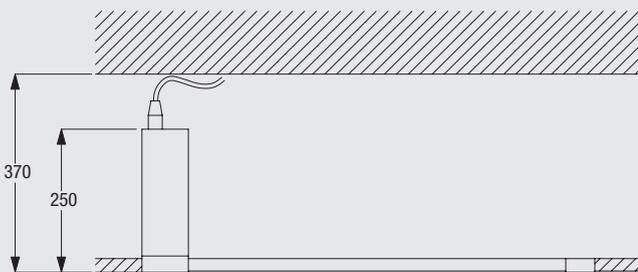


The effective measures are defined by the actual height and width of the curtain, its structure and make-up type.

Motors can be recessed in hollow ceilings



With profile surface mounted on the ceiling.



With profile recessed into ceiling.

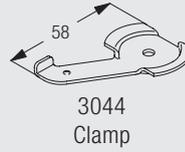
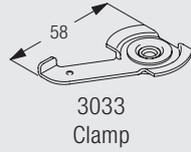
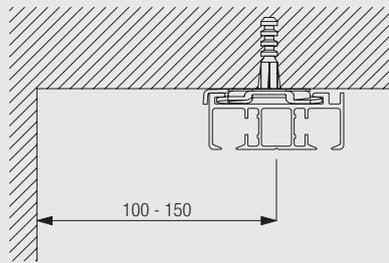


5140

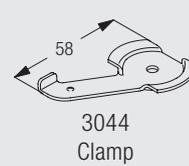
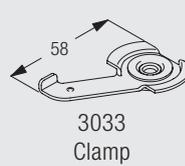
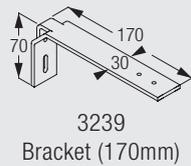
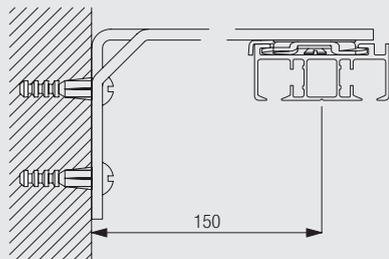
Fixing Preparation

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.

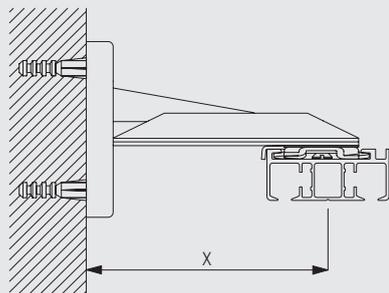
Ceiling fitting with clamp 3033/3044



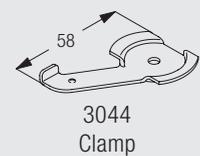
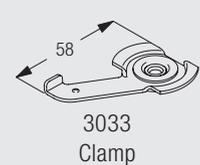
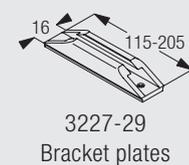
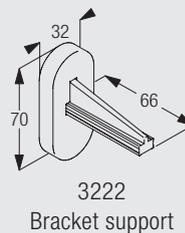
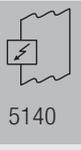
Wall fitting with bracket 3239 and clamp 3033/3044



Wall fitting with bracket support 3222 / bracket plates 3227-29 and clamp 3033/3044



	X (mm)
3222/3227	112
3222/3228	162
3222/3229	202



Standard Accessories

Single Parts

2613 Connector (38mm) 

2962 Connecting bridge 

3033 Clamp 

3044 Clamp 

5005 Master carrier 

5110 Mask 

5112	Mask		5113	Gear drive	
5120	Pilot runner		5127	Safety device	
5130	Driving Belt		5141	Profile	
5143	Belt return		5147	Support	
6006	Glider		6086	Spring stop	
6098	Roller		6283	Roller	
9010	Intelligent motor (3Nm)		9101	Securing bow	

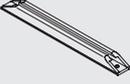
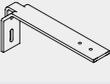
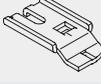
Sets

9112	Guide Set, containing		5113	Gear drive	1	
			5143	Belt return	1	
			5144	Adapter	1	
			5147	Support	1	
			5005	Master carrier	2	
			5120	Pilot runner	1	
			5110	Mask	2	
			5112	Mask	1	
			5127	Safety device	1	
			2613	Connector (38mm)	1	



Optional Accessories

Single Parts

3222	Bracket support		3227	Bracket plate (115mm)	
3228	Bracket plate (165mm)		3229	Bracket plate (205mm)	
3239	Bracket (170mm)		3832	Bracket (36mm)	
5120	Pilot runner		5146	Runner	
5328	Master carrier		5329	Pilot runner	
5330	Wire holder		5778	Modular plug	
5779	Flat cable		6083	Glider	
6094	Roller		6283	Roller	
9011	Electronic motor (3Nm)		9012	Basic motor (1.5 and 3Nm)	

Sets



5140

5148	Asymmetric set, containing		5146	Runner	1	
			5328	Master carrier	1	
			5329	Pilot runner	1	
			5330	Wire holder	2	

Sewing Accessories

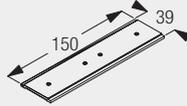
3012	Hook		3582	Hook	
3599	Hook		6004	Eyelet	

6005 Hook

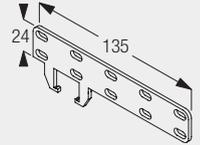


Useful Measures

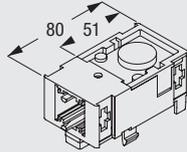
2962 Connecting bridge



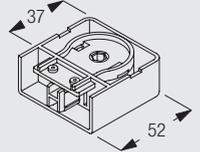
5003 Overlap arm straight



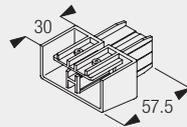
5113 Gear drive



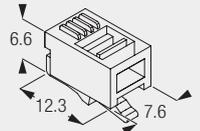
5143 Belt return



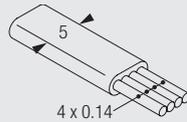
5144 Adapter



5778 Modular plug



5779 Flat cable



Overview Motors and Controls



5140

Motor Features

	9012 Basic	9011 Electronic	9010 Intelligent
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			●

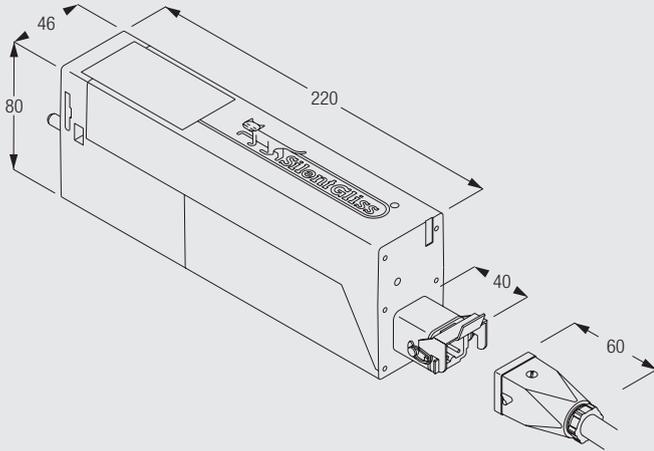
Control Features

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
- Electrical 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.

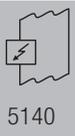
Max. Curtain Weight Chart (3 Nm or 1.5 Nm)

	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.)

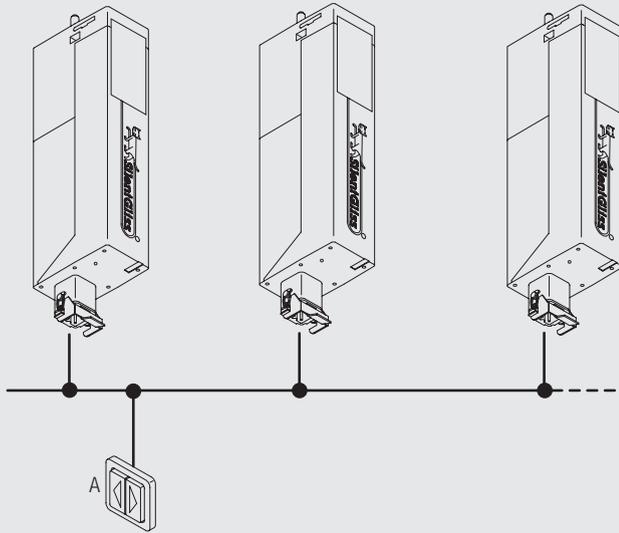
	2 m	4 m	6 m
	20	20	18
	20	20	18
	18	14	10
	18	14	10
	16	12	8

(kg max. / 1.5 Nm)



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

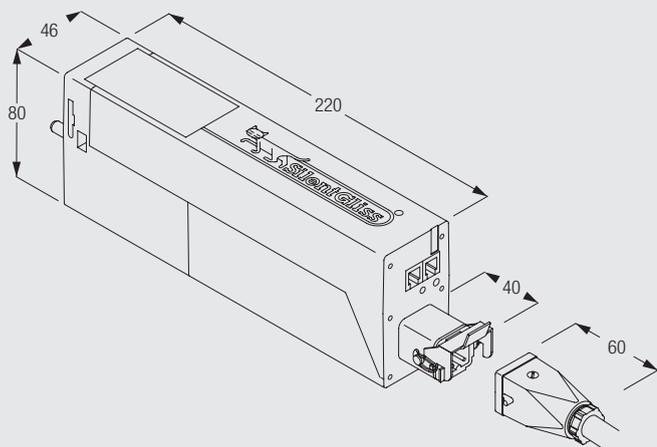
Up to 15 systems can be operated via low voltage or mains connections without relays

Wiring and Connections

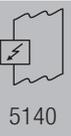
Important: For these information please refer to our special section in the extranet.

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
-



5140

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.

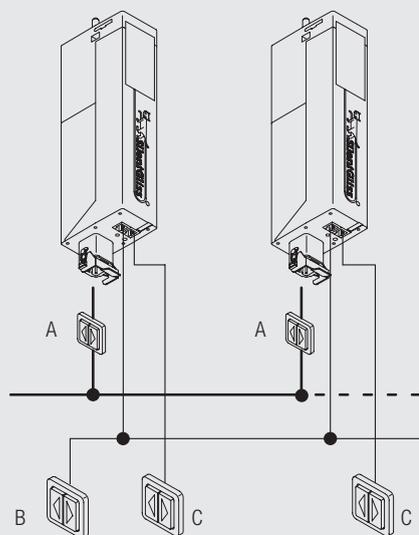
Max. Curtain Weight Chart

	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

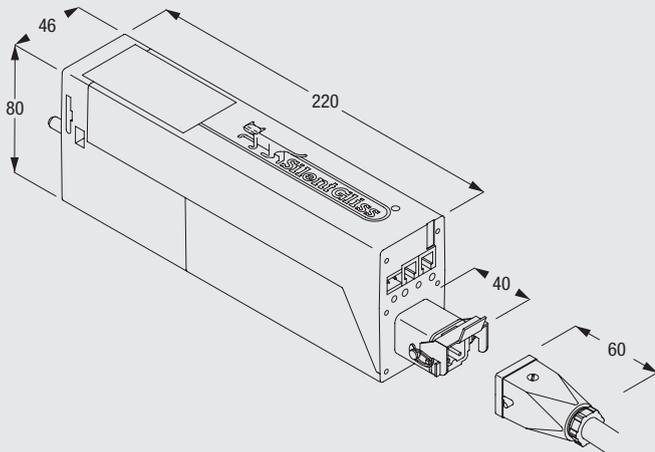
Electronic operation with "Open-Close-Stop" at any desired position
 Simultaneous or individual operation of single or multiple systems, by low voltage switch only
 Up to 15 systems can be operated via low voltage or mains connections without relays
 With a fixed low voltage switch an almost infinite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

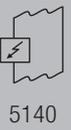
Right/left programming offer more flexibility when installing multiple systems. Multiple stop for home theatres enables electronic setting of intermediate positions (only with control unit Silent Gliss 9900)

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	-	-

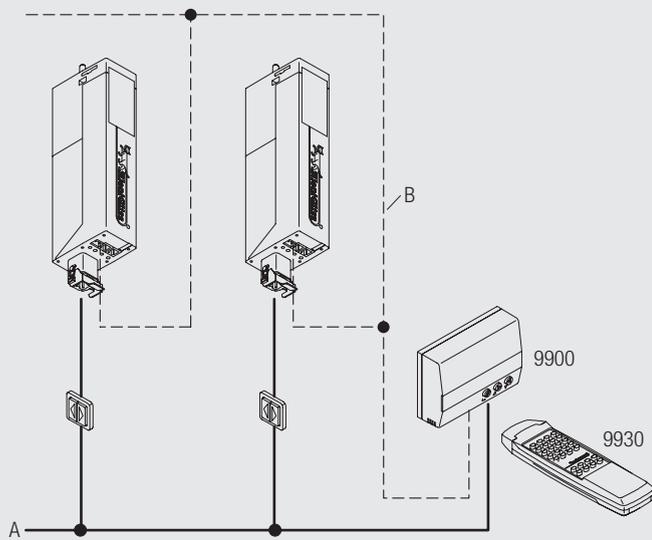
(kg max.)



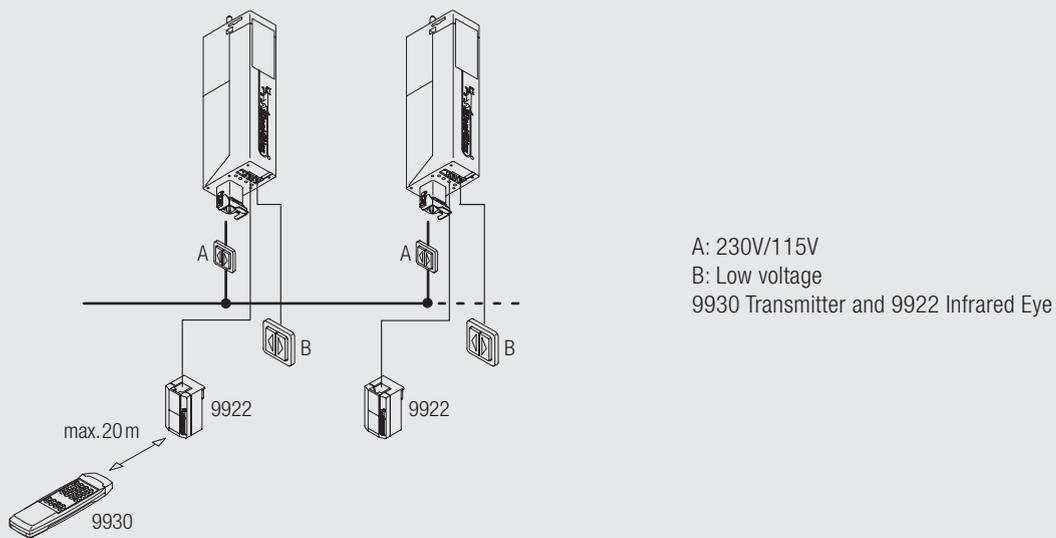
5140

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.

