MOTORS
AND CONTROLS

SilentGliss
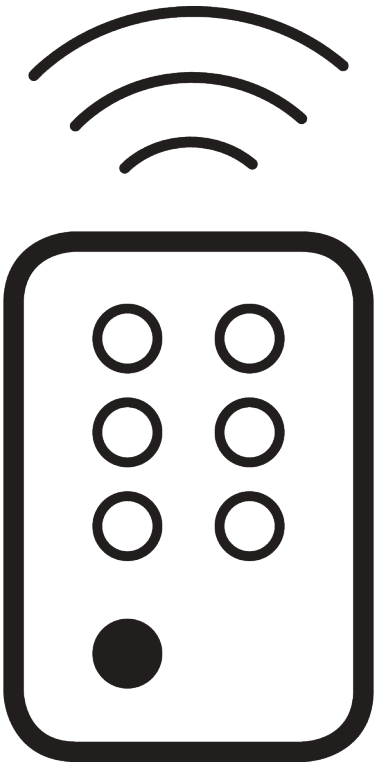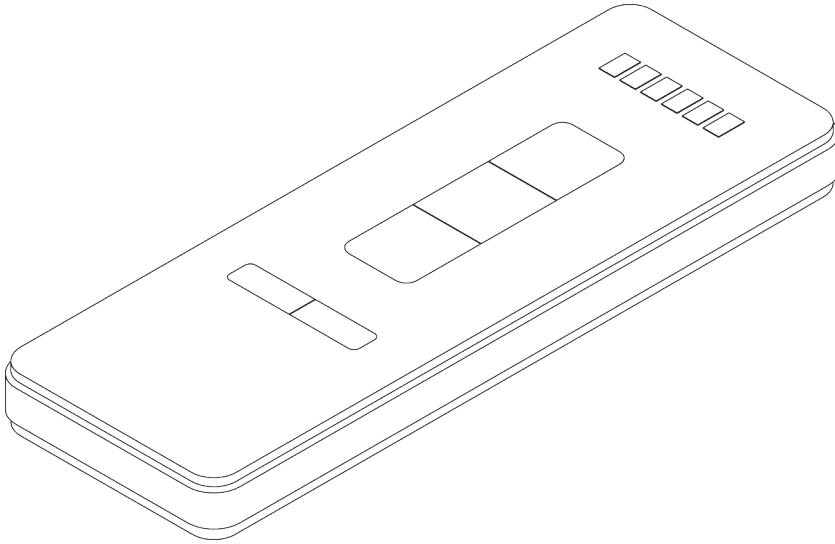
GENERAL NOTES

– *Installation by qualified fitter only.*

– *All radio installations must be installed according to local regulations.*

– *Electrical installations must be carried out according to Silent Gliss wiring diagrams.*

– *Check space for cables and plugs!*

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APPLICATION CHART

SilentGliss

SG Control A

PRODUCT INFORMATION

– *Radio controlled*

– *1-channel, 2-channel, 5-channel or 6-channel radio controls*

– *Radio hand held and wall controls*
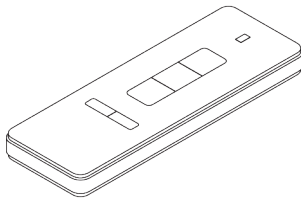
– *Single and multi channel timer units*

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APPLICATION

A. SYSTEMS

– *Electric curtain track system SG 5100*

– *Panel Glide System SG 2750*

– *Roller blind system SG 4955*

– *Roman blind system SG 2345*

OVERVIEW COMPONENTS

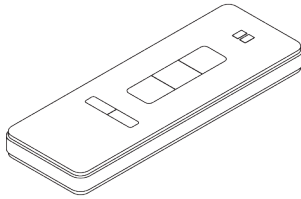**A. RADIO CONTROLS**

SG 10946

– **Channel:** *1 channel*

– **Frequency:** *433.92 MHz*

– **Colours:** *white*

Features:

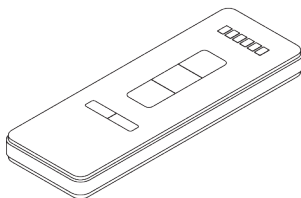– *Operates single system or operates one group of systems*

SG 10947

– **Channel:** *2+1 channel*

– **Frequency:** *433.92 MHz*

– **Colours:** *white*

Features:

– *2 channel: operates up to two single systems individually*

– *2 channel: operates up to two groups of systems individually*

– *1 channel: operates all systems together*

SG 10948

– **Channel:** *6+1 channel*

– **Frequency:** *433.92 MHz*

– **Colours:** *white*

Features:

– *6 channel: operates up to 6 single systems individually*

– *6 channel: operates up to 6 groups of systems individually*

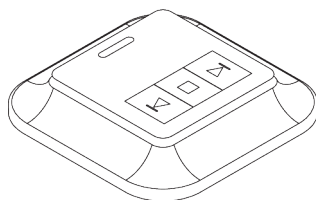– *1 channel: operates all systems together*
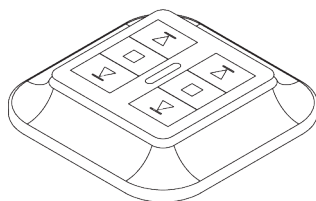
SilentGliss

B. RADIO WALL CONTROLS

SG 10949

– **Channel:** *1 channel*
– **Frequency:** *433.92 MHz*
– **Colours:** *white*

Features:

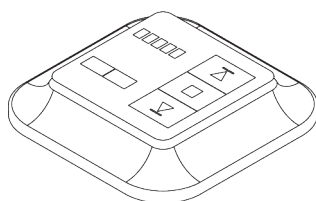– *Operates single system or operates one group of systems*

SG 10950

– **Channel:** *2 channel*
– **Frequency:** *433.92 MHz*
– **Colours:** *white*

Features:

– *2 channel: operates up to two single systems individually*
– *2 channel: operates up to two groups of systems individually*

SG 10951

– **Channel:** *5+1 channel*
– **Frequency:** *433.92 MHz*
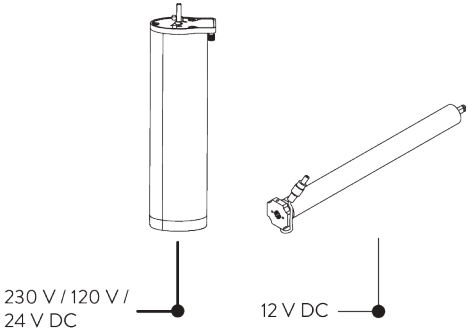– **Colours:** *white*

Features:

– *5 channel: operates up to 5 single systems individually*
– *5 channel: operates up to 5 groups of systems individually*
– *1 channel: operates all systems together*

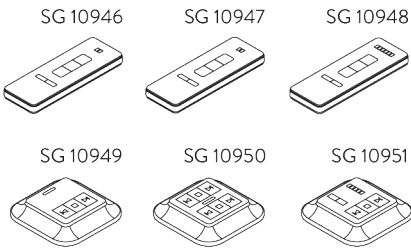## C. MANUALS

Refer to Silent Gliss website.

COMBINATION CONTROLS AND SYSTEMS

A. EXAMPLE

230 V / 120 V /
24 V DC

12 V DC

SG 10946   SG 10947   SG 10948

SG 10949   SG 10950   SG 10951

Applicable with following systems:

– *Electric curtain track system SG 5100*
– *Roller blind system SG 4955*
– *Roman blind system SG 2345*

B. WIRING DIAGRAMS

Refer to Silent Gliss website.

PARTS

A. CONTROLS

	SG 10946	
	Radio hand held 1 channel	

	SG 10947	
	Radio hand held 2+1 channel	

	SG 10948	
	Radio hand held 6+1 channel	

	SG 10949	
	Radio wall transmitter 1 channel	

	SG 10950	
	Radio wall transmitter 2 channel	
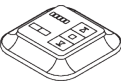
	SG 10951	
	Radio wall transmitter 5+1 channel	

SilentGliss
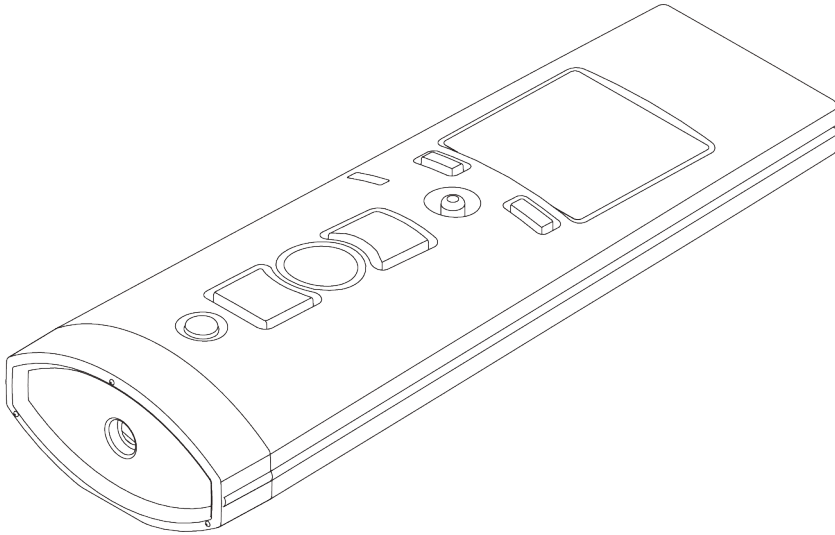
SG Control L

PRODUCT INFORMATION

– *Radio controlled*

– *Bi directional*

– *1-channel, 5-channel, 10-channel or 15-channel radio controls*

– *Radio hand held and wall controls*

– *Radio receivers for motors without integrated receiver*

– *Silent Gliss Move App*

APPLICATION

A. SYSTEMS

– *Dim-out blind system SG 4760*

– *Dim-out blind system SG 4770*

– *Dim-out blind system SG 4780*

– *Electric curtain track system SG 5600*

– *Electric curtain track system SG 5800*

– *Panel Glide System SG 2750*

– *Pleated blind system SG 8500*

– *Roller blind system SG 4960*

– *Roller blind system SG 4970*

– *Roller blind system SG 4880*

– *Roman blind system SG 2350*

– *Skylight shading system SG 2195*

– *Skylight shading system SG 8600*

– *Skylight shading system SG 8640*

– *Venetian blind system SG 8250*

– *Venetian blind system SG 8960*

– *Vertical blind system SG 2950*
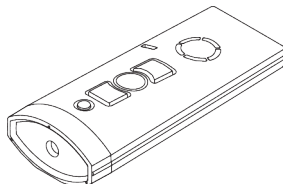
OVERVIEW COMPONENTS

A. RADIO CONTROLS
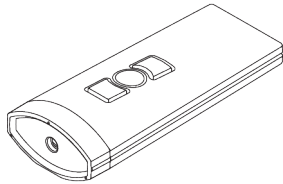
SG 10300

– ***Channel:*** *1 channel*

– ***Frequency:*** *868 or 915 MHz*

– ***Colours:*** *white, silver and anthracite*

Features:

– *Operates single system or operates one group of systems*

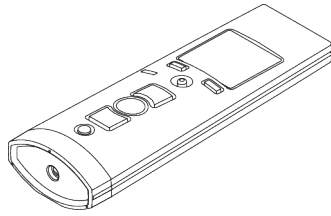– *Wall holder in corresponding colour*

SG 10302

– ***Channel:*** *5+1 channel*

– ***Frequency:*** *868 or 915 MHz*

– ***Colours:*** *white, silver and anthracite*

Features:

– *5 channel: operates up to 5 single systems individually*

– *5 channel: operates up to 5 groups of systems individually*

– *1 channel: operates all systems together*

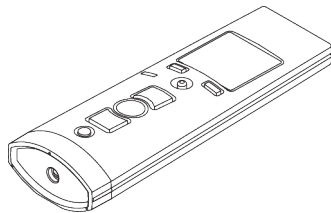– *Wall holder in corresponding colour*

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SG 10303

– **Channel:** *10+2+1 channel*

– **Frequency:** *868 or 915 MHz*

– **Colours:** *white, silver and anthracite*

Features:

– *10 channel: operates up to 10 single systems individually*

– *10 channel: operates up to 10 groups of systems individually*

– *2 channel: combines the 10 groups into 2 groups and operates them individually*

– *1 channel: operates all systems together*

– *Various languages*

– *Programmable day and week, sunrise and sunset time*

– *Holiday mode*

– *Illuminated display*

– *Astro times*

– *Wall holder in corresponding colour*

SG 10804

– *Channel: 15+5+1 channel*

– *Frequency: 868 or 915 Mhz*

– *Colours: white, silver and anthracite*

Features:

– *15 channel: operates up to 15 single systems individually*

– *15 channel: operates up to 15 groups of systems individually*

– *5 channel: combines the 15 groups into 5 groups and operates them individually*

– *1 channel: operates all systems together*

– *Various languages*

– *Intelligent display management*

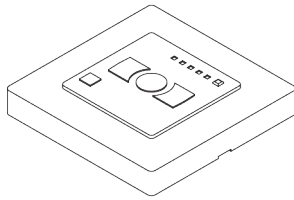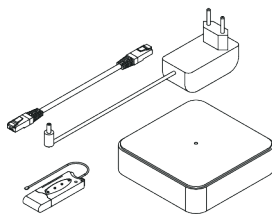– *Wall holder in corresponding colour*

B. RADIO WALL CONTROLS
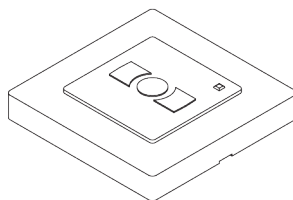
SG 11480

– **Channel:** *1 channel*

– **Frequency:** *868 or 915 MHz*

– **Colours:** *white*

Features:

– *Operates single system or operates one group of systems*

SG 11490

- **Channel:** 5+1 channel
- **Frequency:** 868 or 915 MHz
- **Colours:** white

Features:

- 5 channel: operates up to 5 single systems individually
- 5 channel: operates up to 5 groups of systems individually
- 1 channel: operates all systems together

C. MOVE BY SILENT GLISS

SG 9960

- **Channel:** 15 channel
- **Frequency:** 868 or 915 MHz
- **Colours:** black
- **Move server set:** consists of server and transmitter stick SG 9961

Features:

- Operates up to 15 single systems individually (per stick)
- Operates up to 15 groups of systems individually (per stick)
- Slot for two transmitter sticks SG 9961
- App available for Android and IOS
- Various languages
- "Scenes" programmable
- Programmable day and week, sunrise and sunset time
- Holiday mode
- Astro times

D. RADIO RECEIVERS
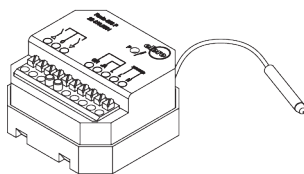
SG 9068

- **Channel:** 1 channel
- **Frequency:** 868 or 915 MHz
- **Voltage:** 230 or 120 V

Features:

- Operates single system
- Flush mounting
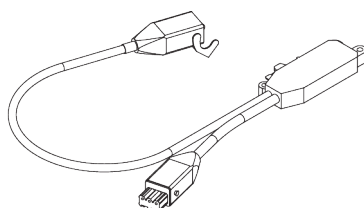
SG 9944

- **Channel:** 1 channel
- **Frequency:** 868 or 915 MHz
- **Voltage:** 230 or 120 V

Features:
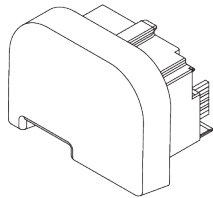
- Operates single system
- Non latching mode

SilentGliss
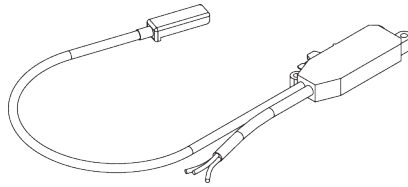
SG 9945

- **Channel:** *1 channel*
- **Frequency:** *868 or 915 MHz*
- **Voltage:** *230 or 120 V*

Features:

- *Operates single system*
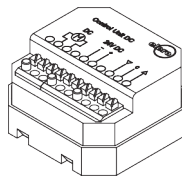- *Latching mode*

SG 9063

- **Channel:** *1 channel*
- **Frequency:** *868 or 915 MHz*

Features:

- *Only applicable with motor SG 9060 (electric curtain track system SG 5600)*

E. CONTROL UNIT DC

SG 9947

- **Voltage:** *24 V DC*
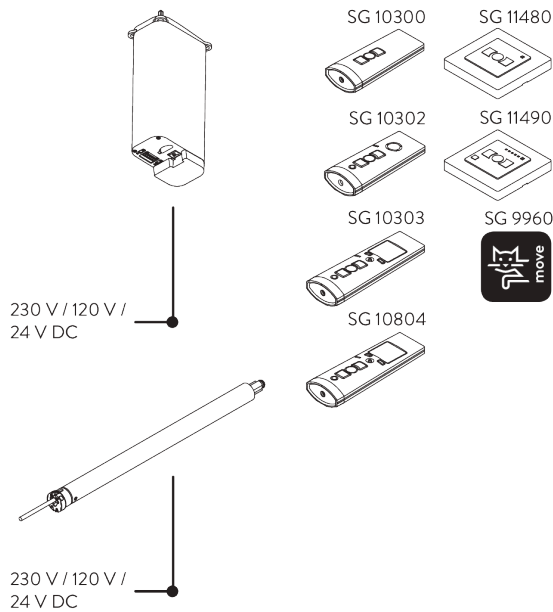
Features:

- *Relay*
- *Flush mounting*
- *Needed with SG 8250 or SG 8500*

F. MANUALS

Refer to Silent Gliss website.

COMBINATION CONTROLS / RECEIVERS AND SYSTEMS

A. EXAMPLES

Motors with integrated receiver

SG 10300   SG 11480

SG 10302   SG 11490

SG 10303   SG 9960

SG 10804

230 V / 120 V / 24 V DC

230 V / 120 V / 24 V DC

Applicable with following systems:
- *Dim-out blind system SG 4760*
- *Dim-out blind system SG 4770*
- *Dim-out blind system SG 4780*
- *Electric curtain track system SG 5600*
- *Panel glide system SG 2750*
- *Roller blind system SG 4960*
- *Roller blind system SG 4970*
- *Roller blind system SG 4880*
- *Roman blind system SG 2350*
- *Vertical blind system SG 2950*
- *Venetian blind system SG 8960 (230 V)*

Motors without integrated receiver
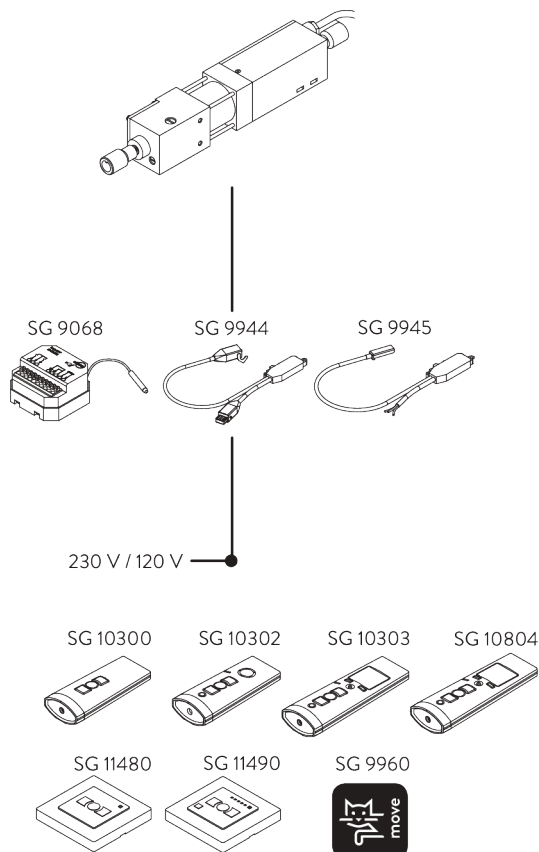
Applicable with following systems:
- *Electric curtain track system SG 5800*
- *Skylight shading system SG 2195*
- *Skylight shading system SG 8600*
- *Skylight shading system SG 8640*

SG 9068   SG 9944   SG 9945

230 V / 120 V

SG 10300   SG 10302   SG 10303   SG 10804

SG 11480   SG 11490   SG 9960

**24 V DC motors
without integrated
receiver**
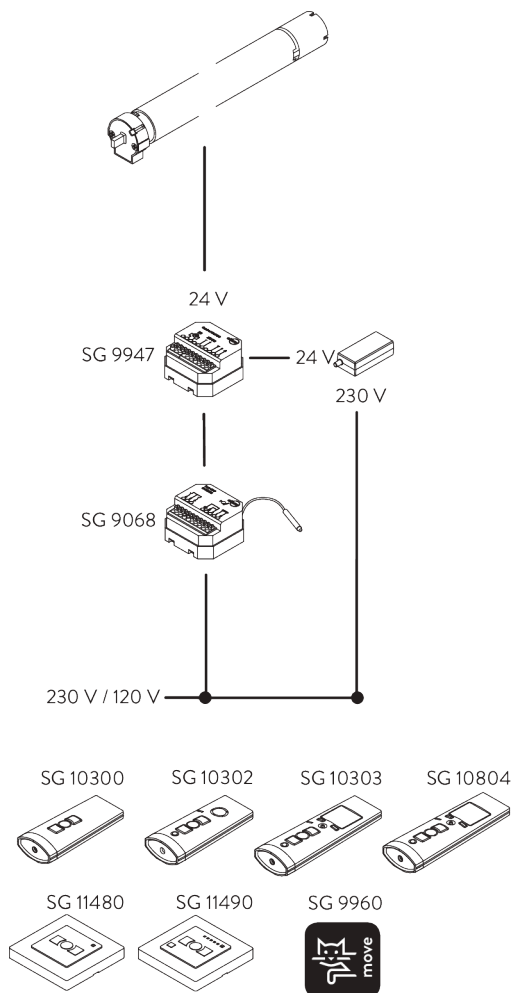
Applicable with following systems:

– *Roller blind system SG 4960*
– *Pleated blind system SG 8500*
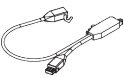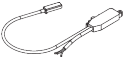– *Venetian blind system SG 8250*

24 V

SG 9947 — 24 V

230 V

SG 9068

230 V / 120 V

SG 10300   SG 10302   SG 10303   SG 10804

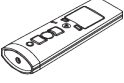SG 11480   SG 11490   SG 9960

move
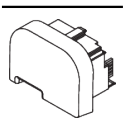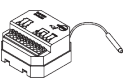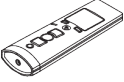
**B. WIRING
  DIAGRAMS**

Refer to Silent Gliss website.

PARTS

A. CONTROLS / RECEIVERS

SG 9063

Radio module type L

SG 9068

Radio receiver Revio

SG 9944

Radio receiver 1 channel

SG 9945

Radio receiver 1 channel

SG 9947

Control unit DC 24V

SG 10300

Radio hand held 1 channel

SG 10302

Radio hand held 5+1 channel

SG 10303

Radio hand held 10+2+1 channel

SG 10804

Radio hand held 15+5+1 channel

SG 11480

Radio wall transmitter 1 channel

SG 11490

Radio wall transmitter 5+1 channel

SilentGliss

SG Smart
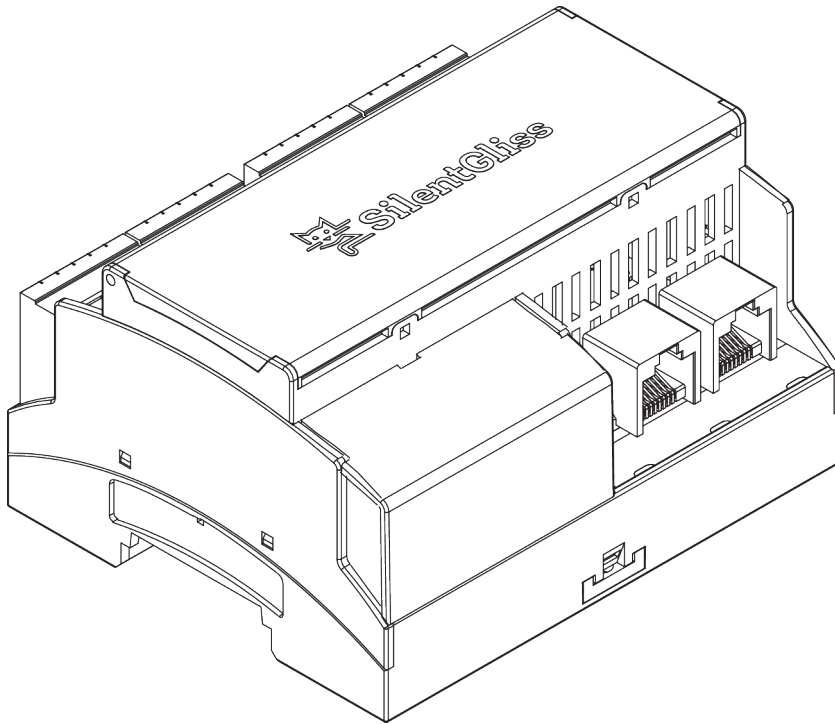
PRODUCT INFORMATION

– *Two way communication between motors and control system*

– *Works in conjunction with specific third party control systems*

– *Precise motor control*

– *Wide range of Silent Gliss product types*

APPLICATION

A. SYSTEMS

– *Dim-out blind system SG 4760*

– *Dim-out blind system SG 4770*

– *Dim-out blind system SG 4780*

– *Electric curtain track system SG 5600*

– *Roller blind system SG 4960*

– *Roller blind system SG 4970*

– *Roller blind system SG 4880*

– *Roman blind system SG 2350*

– *Panel glide system SG 2750*

OVERVIEW COMPONENTS

A. SMART COMPONENTS
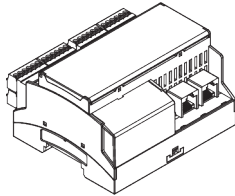
SG 11260 Gateway Cedia

– *Din rail mounted*

Features:

– *Controls up to 8 motors*

– *Up to 64 motors when combined with Expansion Units SG 11262*

– *Key communication link with primary control system*

– *Plug in connector blocks*
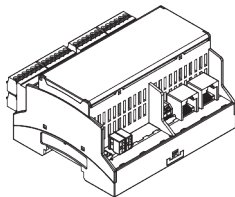
SG 11261 Gateway KNX

– *Din rail mounted*

Features:

– *For use with KNX based control systems*

– *Key communication link with primary control systems*

– *Controls up to 8 motors*

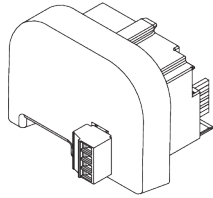– *Up to 64 motors when combined with expansion units SG 11262*

– *Plug in connector blocks*
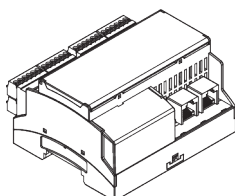
SG 11262 Expansion Unit

– *Din Rail mounted*

– *Used in conjunction with Gateways*

Features:

– *Controls up to 8 motors*

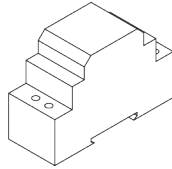– *Plug in connector blocks*

SilentGliss

SG 11270 Smart Module

– Smart Module for SG 5600 system
– Works exclusively with Smart Gateway components

Features:

– Simple "plug in" module for SG 9060 motors
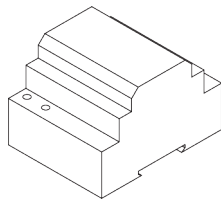– Screw connector blocks

B. POWER SUPPLIES

SG 11263 Power Supply

– 24 V DC 2.5 A output
– Din rail mounted

Features:

– Powers Gateway components SG 11260 / SG 11261
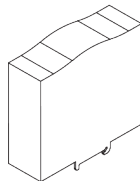– Variable input voltage
– Output range 21.6 - 29 V DC

SG 11264 Power Supply

– 24 V DC 3.8 A output
– Din Rail mounted

Features:

– Variable input voltage
– Output range 21.6 - 29 V DC

SG 11265 Power Supply

– 24 V DC 5 A output
– Din rail mounted

Features:

– Variable input voltage
– Output range 24 - 28 V DC
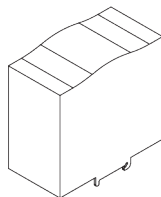
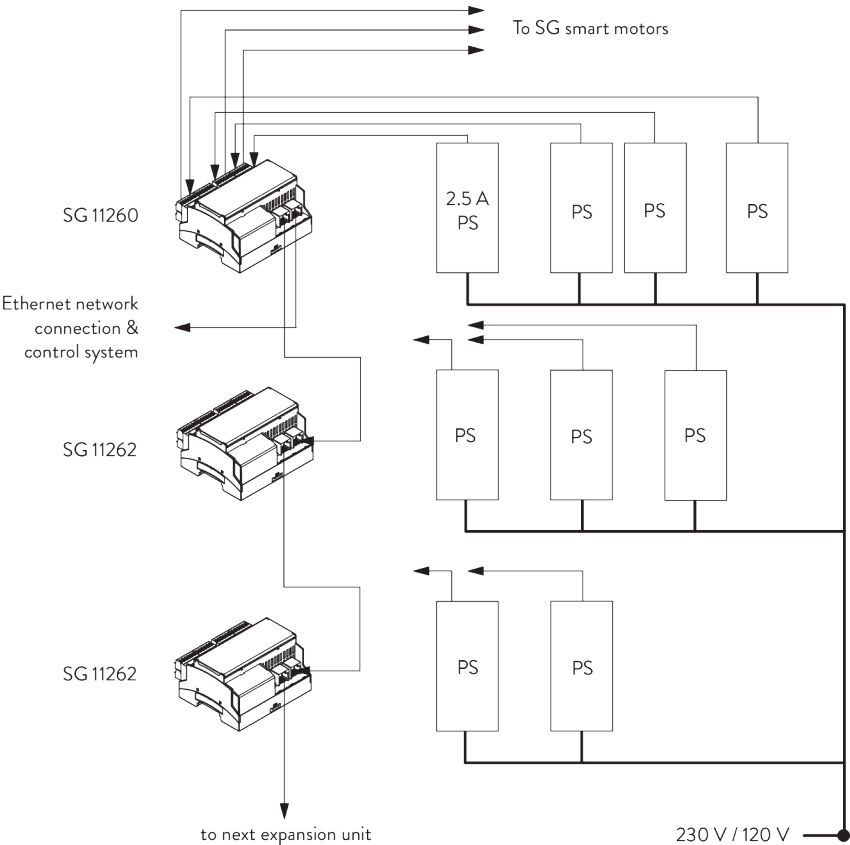### SG 11266 Power Supply

– 24 V DC 10 A output
– Din rail mounted

Features:

– Variable input voltage
– Output range 24 - 28 V DC

COMBINATION CONTROLS AND SYSTEMS

A. EXAMPLE
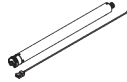
**Schematic Smart
system arrangement**

To SG smart motors

SG 11260

Ethernet network
connection &
control system

2.5 A
PS

PS

PS

PS

SG 11262

PS

PS

PS

SG 11262

PS

PS

to next expansion unit

230 V / 120 V
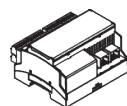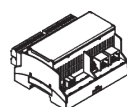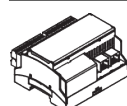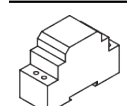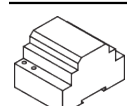
**B. WIRING
DIAGRAMS**

Refer to Silent Gliss website.

PARTS

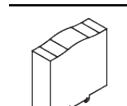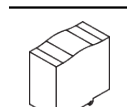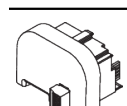## A. SMART COMPONENTS

SG 11250

Smart motor 24V DC, 50-Series S 1.5/55

SG 11251

Tubular motor 24V DC, 50-Series S 3/32

SG 11252

Tubular motor 24V DC, 50-Series S 6/20

SG 11255

Tubular motor 24V DC, 50-Series M 10/20

SG 11260

Gateway Cedia

SG 11261

Gateway KNX

SG 11262

Expansion unit

SG 11263

Power supply 24V DC, 2 Ampere DIN Rail

SG 11264

Power supply 24V DC, 3.8 Ampere DIN Rail

SG 11265

Power supply 24V DC, 5 Ampere DIN Rail

SG 11266

Power supply 24V DC, 10 Ampere DIN Rail

SG 11270

Smart module

SG 11325

Smart plug 6-pin, MC 1.5/6 ST-3.81

The Architects of Silence

Silent Gliss is the leading global supplier of premium interior window treatments. Since 1952 we have been tirelessly committed to the development of the worlds` smoothest, quietest systems using state of the art technology.

Driven by customer needs, Silent Gliss offers functional and durable products. Expert technical advice coupled with installation and support services complete the offer. Silent Gliss stands for innovative, sustainable, tailor made solutions, exceptional design and first-class quality.

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