

A1	FIRST TIME USE
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1.1	REQUIRED RESOURCES
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For first time use you need the following:

Quantity	Item
1	Service module SVM100 or laptop with PC software PC2500 installed (USB stick)
1	Screwdriver for terminals
1	Multimeter (V, A, Ohm)
1	Operating and mounting instructions (if necessary, download these from the website www.schneider-elektronik.de)

1.2	MOUNTING THE COMPONENTS
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Mount the components in accordance with the operating and mounting instructions (5.1 to 5.4, steps 1 to 5, page 10 ff.) and, for the moment, do not attach the passive infrared sensor (PIR) and light barrier (IRL 100) components.

Manually check the sash to make sure that it can easily be moved.

1.3	BASIC WIRING OF THE COMPONENTS
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For first time use, it is easier to carry out "basic" or "minimal" wiring and then run the self-test. After a successful self-test, the additional components such as the passive infrared sensor (PIR) and the light barrier are connected one after the other and their functions are tested individually.

BASIC / MINIMAL WIRING for first time use		
from	to	plug
Motor drive unit	SC500 control electronics	X8
Path sensor SPS100	SC500 control electronics	X9
Power supply 230V AC	SC500 control electronics	X1

If you already have sufficient experience with the SC500 product, you can of course fully wire all components in accordance with the operating and mounting instructions (5.1 to 5.6, steps 1 to 6, page 10 ff.) and then proceed immediately to commissioning.

1.4	CARRY OUT SELF TEST
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Carry out the self-test in accordance with the operating and mounting instructions (see page 30 ff.).

1.5	PASSIVE INFRARED SENSOR (PIR) WIRING
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Correctly wire the passive infrared sensor (PIR) with X3.7 to X3.10 in accordance with the terminal diagram and measure the supply voltage on the PIR supply terminals (+15V DC). Set up the PIR in accordance with Appendix A2 of the operating and mounting instructions.



All jumpers J1 to J4 must be connected on the PIR (make: Paradoor).

The green LED at the bottom of the PIR must light up when a person is detected and goes out as soon as no one is in the sensor area of the PIR.



If no passive infrared sensor (PIR) is connected, connect the wire jumper from terminal X3.8 to X3.9, otherwise the automatic sash closing will not work.

So that testing the automatic sash closing does not take up too much time, the PIR time delay is first changed to 10 s (see operating and mounting instructions, 7.3.1 PIR delay, page 24).

TEST PIR (10 s)	1.6
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Open the sash, leave the sensor area (the green LED on the PIR goes out) and wait 10 s. After 10 s, the sash closes automatically.

Connect the infrared light barrier in accordance with the data sheet and connect the cable to terminals X4.11 to X4.13 (see terminal diagram).

LIGHT BARRIER WIRING	1.7
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It is essential to follow the mounting instructions for the light barrier (see operating and mounting instructions, 5.4 step 4, page 10 ff.). Here are a few mounting examples for 3-wire operation (standard).



For 3-wire operation, the JP3 jumper must be connected (via terminal X4), while for 2-wire operation the JP3 jumper must be removed!

The following settings are necessary in order to activate the light barrier (see operating and mounting instructions, 7.2.2 Light barrier, page 22, 7.2.3 Light barrier type, page 23).

LIGHT BARRIER SETTINGS	1.8
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It is essential to ensure that the set light barrier type (light or dark) corresponds with the switch setting on the light barrier (receiver) (light or dark). The light barrier SA1E-TN1 included in the delivery is always light switching (light barrier type = light).

Adjust and set the light barrier in accordance with the operating and mounting instructions in Appendix 4 and Appendix 5.

LIGHT BARRIER ADJUSTMENT	1.9
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Open the sash and during the automatic closing process, interrupt the light barrier (make sure that the PIR does not detect any movement and that the sash automatically stops (see setting 7.4.6 Stopped by PIR, page 27)). The sash must come to a stop immediately when the light barrier is interrupted.

LIGHT BARRIER TEST	1.10
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The PIR delay time for the start of the automatic closing process should now be set to the operating value (e.g. 300 s = 5 min) (see operating and mounting instructions, 7.3.1 PIR delay, page 24).

OPERATING SETTINGS	1.11
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If desired, touch control can now be activated (see operating and mounting instructions, 7.4.1 Touch control UP, page 26, 7.4.2 Touch control DOWN, page 26).

