

ACTIVATION

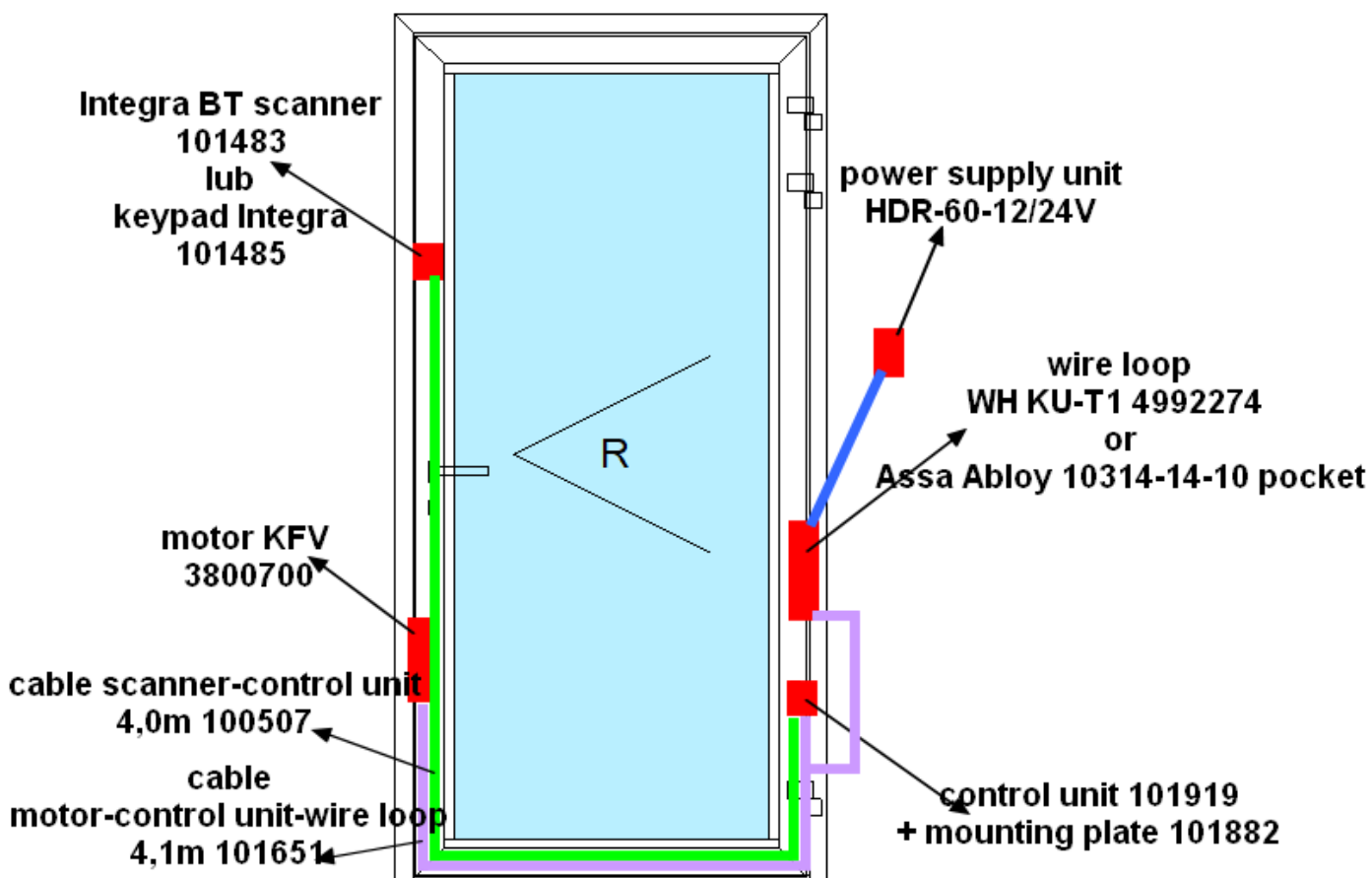
Ekey – Integra Keypad

- Ekey keypad KP IN 2.0 D (101 485)

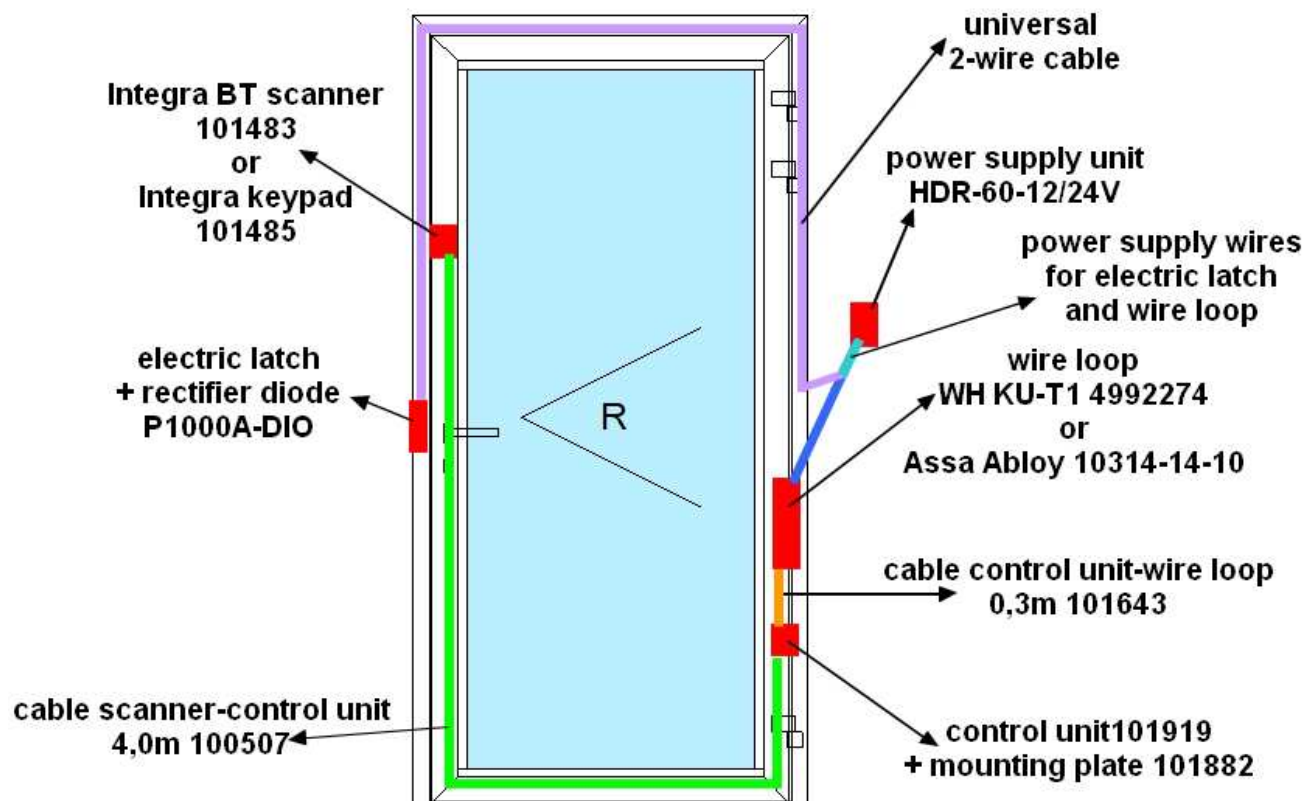


Ekey electronics in our doors is always complete and fully connected, the network ends with a regular power supply HDR-60 (24V for KfV and GU locks, 12V for Winkhaus locks). Connecting the power supply to power as well as reconnecting the power supply with the cable transfer/electric latch is a customer's responsibility – we suggest to have an electrician do the wiring. See below for a quick manual.

Connection plan for motor-based solution



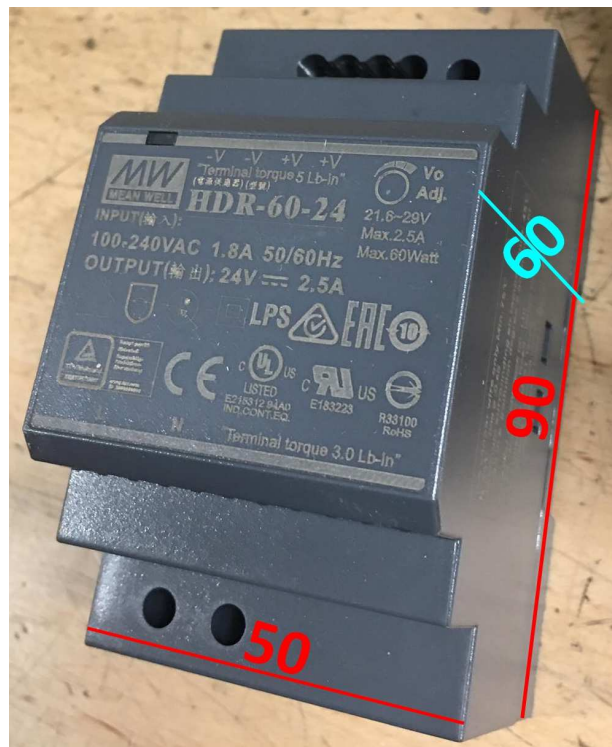
Connection plan for electric latch

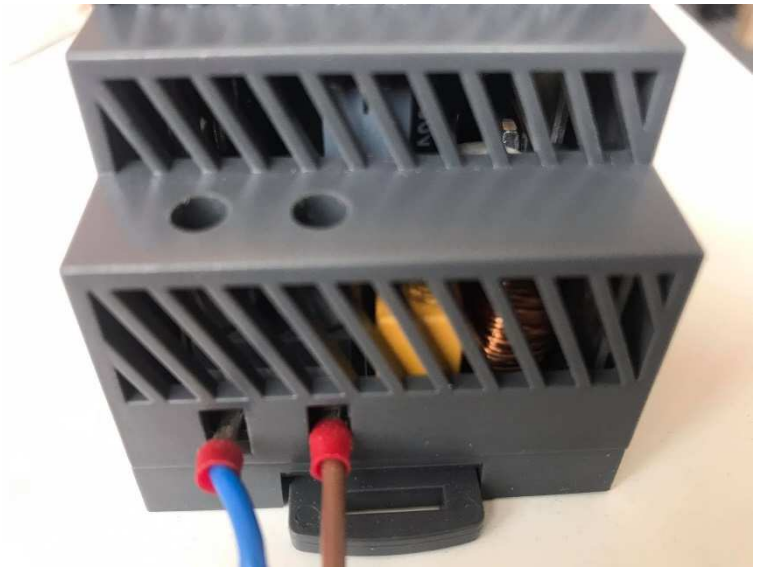


Power supply specification:

- voltage: 85-264VAC lub 120-370VDC
- montage DIN TS35 / 7.5 lub 15
- work temperature from -30 to +70°C
- 0 load power consumption <0.3W
- adjustable voltage
- overload and overvoltage protection
- air cooled
- compatible with LPS
- II isolation class
- LED work signal
- compliant with standards UL-60950-1/508/1310, EN60950-1/61558-2-16
- 3 year warranty

HDR-60-12	12V, 0~4.5A	+/-1%	120mV	88%	52.5x90x54.5mm
HDR-60-24	24V, 0~2.5A	+/-1%	150mV	90%	52.5x90x54.5mm





Left photo:

- **brown** – minus from electric latch (only available for doors with electric latch, not present for motor-based locks)
- **thin brown** – minus from cable transfer
- thin white – plus from cable transfer
- **blue** – plus from electric latch (only available for doors with electric latch, not present for motor-based locks)

Right photo:



- **blue** and **brown** – L and N – doesn't matter which one is first

Wires shown on the right photo are not provided by Awilux. It can, for example, be connected to a regular 230V plug.

In production, the scanner/keypad gets activated and tested, then reset back to factory settings. After plugging the scanner/keypad in on construction site, it needs to be activated and configured.

- first plug-in

Using the code pad

Step	Action	Display
1st	Ensure safe installation of the devices. Close the covers.	-
2nd	Connect the power supply to the mains.	 <p>The top status LED on the <i>ekey home CP mini 1</i> and <i>ekey home CP mini 2</i> flashes green and the LED on the <i>ekey home CP micro 1</i> flashes green slowly: default setting.</p>
3rd	No action required.	 <p>Status LEDs of the code pad do not light up.</p>

The devices have now been activated.

If you are using a Bluetooth finger scanner, the finger scanner is ready for storing administrator fingers and for creating the coupling between the finger scanner and mobile device.

The code pad is in normal mode.

- configuring the administrator code

Go into the administration mode, set the code, test if it works.

The system is in normal mode. The keypad is used for programming the system.

Entering the admin code grants you access to the Admin menu. The Admin menu is used to configure the system. The default admin code is 9999.

Entering the admin code

ATTENTION



Change the default admin code immediately after activation!
If you do not change the admin code, it may be possible for unauthorized persons to get into your Admin menu and then gain access to your premises.

Choose a new admin code and keep it secret.

The system is in normal mode.

Step	Action	Description	Display
1st		Press to start the process of entering the admin code.	Status LED lights up yellow on the left.
2nd		Enter the admin code on the keypad.	-
3rd		Press .	Status LED lights up green on the left.
			Status LEDs light up red.
		The admin code was not recognized. Repeat the procedure beginning at step 1.	-

The system is in the Admin menu. It automatically switches back to normal mode if you do not press a button within 10 sec.

The system is in the Admin menu.

Step	Action	Description	Display	
1st		Press .		Status LED lights up green on the left.
2nd		Press .		Status LEDs light up green on the left and yellow on the right.
3rd		Enter the old admin code on the keypad.	-	-
4th		Press .		Status LEDs light up yellow.
				Status LEDs light up red.
		The old admin code was not recognized. Enter the admin code from the beginning again.	-	-
5th		Enter the new admin code on the keypad.	-	-
6th		Press .		Status LEDs light up yellow on the left and green on the right.
				Status LEDs light up red.
		The desired admin code has already been assigned as a user code. Enter the admin code from the beginning again.	-	-

Step	Action	Description	Display	
7th		Enter the new admin code again on the keypad.	-	-
8th		Press .		Status LEDs light up green.
				Status LEDs light up red.
		The two entries do not match. The new admin code was not saved. Enter the admin code from the beginning again.	-	-
9th	No action required.	-		Status LEDs are off.

The new admin code is saved. The system is in normal mode.

- if any of the steps goes wrong – the control panel should be restored back to factory settings and all the steps should be repeated. Make sure the panel is powered while resetting.

The control panel is located on the hinge side, right under the cable transfer spring, above a lower hinge. The panel is mounted on a black, plastic backplate, which needs to be unscrewed and carefully pulled out.

Control panel is a small, 10 cm black box. See below.



Resetting the system to default settings

All authorizations are permanently deleted and the system settings are reset to their defaults. Your system is then in the condition in which it was delivered to you once more.



NOTICE

Effect of resetting to the default settings:





- All identification methods are deleted irretrievably. The admin code is reset to its default setting of 9999 using the code pad.
- The control panel and registration unit are no longer coupled together.
- The relay switching duration is set to 3 s.
- The LED intensity of the finger scanner is reset to 1 (LED dimmed).
- For a Bluetooth finger scanner, the admin coupling code is reset to the default setting of 9999.
- The brightness threshold of the automatic back-illumination is reset to 10% and the brightness value of the back-illumination to 100% using the code pad.
- The acoustic and optical signaling that indicates when a button has been pressed, and the acoustic signal for door opening, are both enabled again using the code pad.

You can reset the system to its default settings either via the app (Bluetooth finger scanners only), the registration unit, the control panel, or the digital input (*ekey home control panel micro 1* only). Use whichever device is most easily accessible.

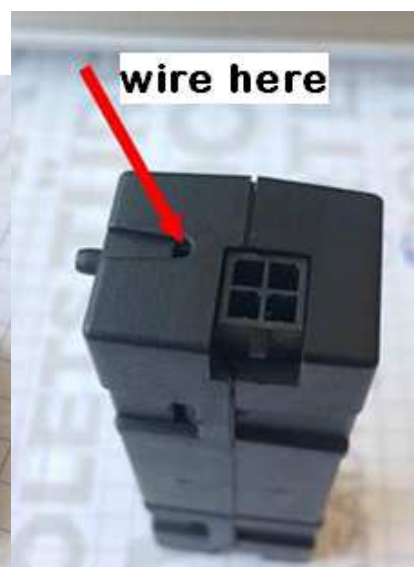
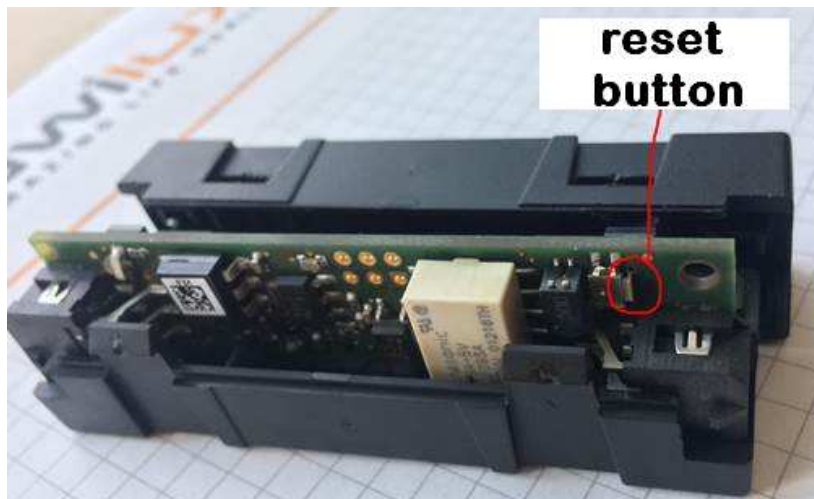
- the box does not need to be dismantled, all you need to do is to stick a small wire into the hole and hold it for about 4 seconds. Make sure the box is connected to power. The reset hole is located on the top of the box (4-PIN plug side). See pictures for reference.

Via the control panel

The process of resetting to the default settings is initiated via the control panel.

Step	Action	Description	Display
1st		Press the button using the operating rod (<i>ekey home CP mini 1/2</i>) or a small screwdriver (<i>ekey home CP micro 1</i>) and hold it down for at least 4 sec.	 <p>The status LED of the finger scanner flashes blue and the status LEDs of the code pad flash green alternately.</p>
2nd	Variant a Finger scanner	-	 <p>The top status LED on the <i>ekey home CP mini 1/2</i> flashes orange/green and the LED on the <i>ekey home CP micro 1</i> flashes green slowly.</p>
3rd	Variant b Code pad	-	 <p>The top status LED on the <i>ekey home CP mini 1/2</i> flashes green and the LED on the <i>ekey home CP micro 1</i> flashes green slowly.</p>

The system was reset to the default settings. You can now reactivate the system.



More detailed instructions should be attached to your order.

This instruction, as well as the Ekey operating instructions, can all be found on our website:

<https://www.awilux.pl/>