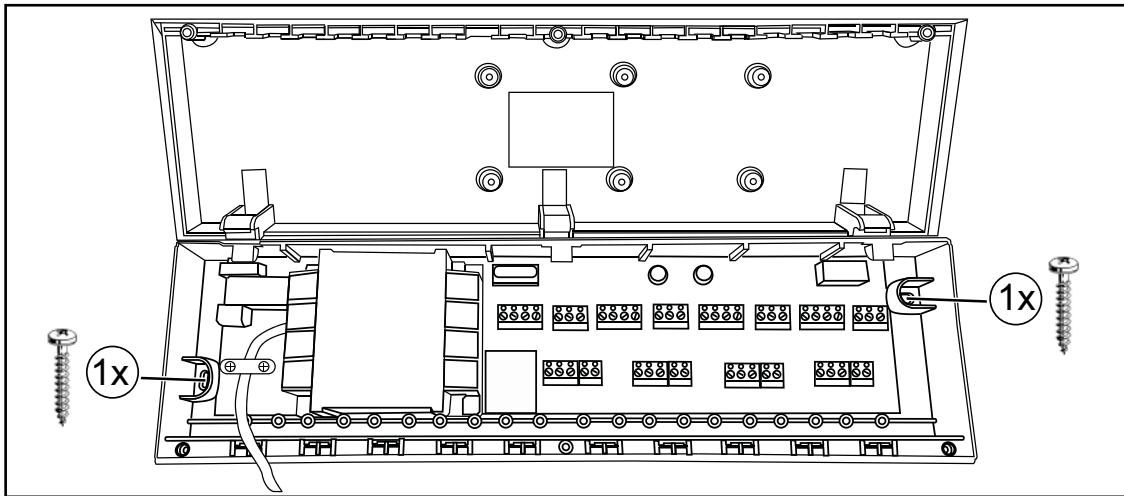
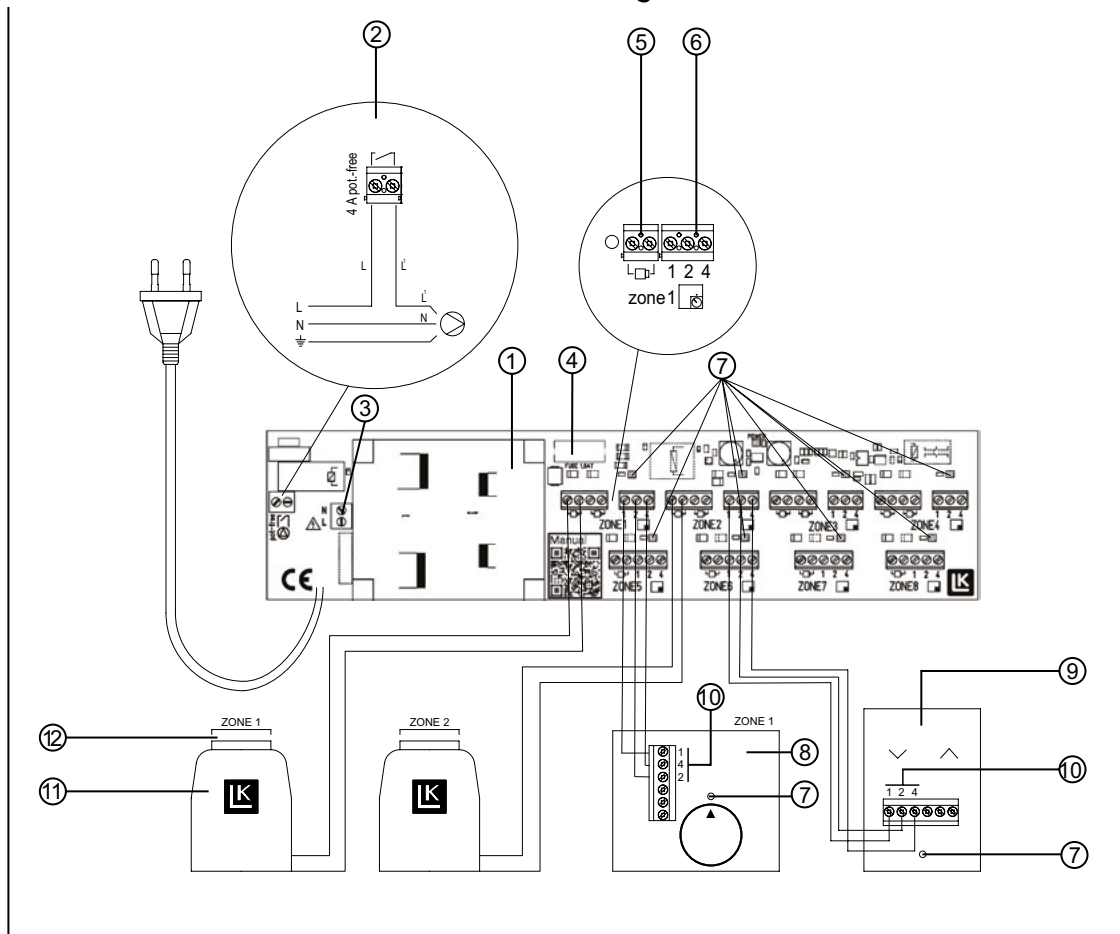


# Quick Guide, LK Connection Box V.2-NO

## Assembly instruction



## Connection Diagram



1. LK Connection Box V.2-NO.
2. \* Connection to the potential free pump relay, max 4 Amp. (attached pull relief).
3. Connecting mains voltage 230 V AC.
4. Fuse, secondary, 1,6At / 5x20mm / 250VAC / ceramic tube / acc. IEC 60127-2-5 (e.g. ESKA 522.719)
5. Connecting LK Actuator NO, 24 V AC.
6. Connecting LK Room Thermostat S1 NO, 24 V AC or LK Room Thermostat S2 NO, 24 V AC.
7. LED.
8. LK Room Thermostat S1 NO, 24 V AC.
9. LK Room Thermostat S2 NO, 24 V AC.
10. Connecting to the LK Connection Box V.2-NO.
11. LK Actuator NO, 24 V AC.
12. Status indicator.




### Example of connections for one zone

- Terminal 1 (10) on the room thermostat is connected to terminal 1 (6) on the connection box.
- Terminal 2 (10) on the room thermostat is connected to terminal 2 (6) on the connection box.
- Terminal 4 (10) on the room thermostat is connected to terminal 4 (6) on the connection box.
- The actuator is connected to the terminals on the connection box marked with “actuator symbol” (5).

### Connect the pump (optional)



**NOTE!**  
The pump relay (2) is potential free (volt free).

- Wire live (L) over the pump relay (live into the relay, switched live from the relay to the pump).
- Neutral (N) directly to the pump.
- Earth  directly to the pump.

### Technical data

Article no	241 04 59
Dimensions	350 x 100 x 60 mm
Primary voltage	230 V AC +/- 10%
Secondary voltage	24 V AC
Transformer capacity	40 VA
Cable protection class	IP 20
Cable protection class	2
Secondary fuse	1,6At / 5x20mm / 250VAC / ceramic tube / acc. IEC 60127-2-5 (e.g. ESKA 522.719)
Pump relay	Max 4 A
Max number of actuators/connection box	12
Max number of actuators/terminals	5
Max number of thermostats/connection box	8

### CE approval

Hereby, LK Systems AB declares that LK Connection Box V.2-NO (Art. No. 241 04 59) is in compliance with Directive 2014/30/EU Electromagnetic Compatibility, 2014/35/EU Low Voltage Directive, 2011/65/EU Restriction of Hazardous Substances.

### Instructions

- Only works with LK Room Thermostat S1 and LK Room Thermostat S2.
- To install the products in your system, please refer to information at one of the following locations:
  - QR code on the outside of the lid of the LK Connection Box V.2-NO.
  - QR code on this information sheet.
  - LK’s website [www.lksystems.en](http://www.lksystems.en)



### Safety Instructions

The LK Connection Box V.2-NO may contain small parts. Keep the product out of the reach of small children.

### Environment/Recycling

When the LK Connection Box V.2-NO is used up, it must be sorted as plastics and electronics and handed over to a recycling centre.

