

evoREL

flow heater module

The module enables remote power switching for heating elements in a flow-through water heater installed in a heat pump system.

The module is equipped with independent thermal protection that disconnects the power supply to the heating elements.

features

- support for flow-through water heaters with a maximum power of 6kW or 9kW
- ability to independently switch on one, two, or all three heating elements in a three-phase water heater
- maintaining the set water temperature in the circuit in cooperation with an external controller
- protection of the heater against exceeding the maximum permissible operating temperature

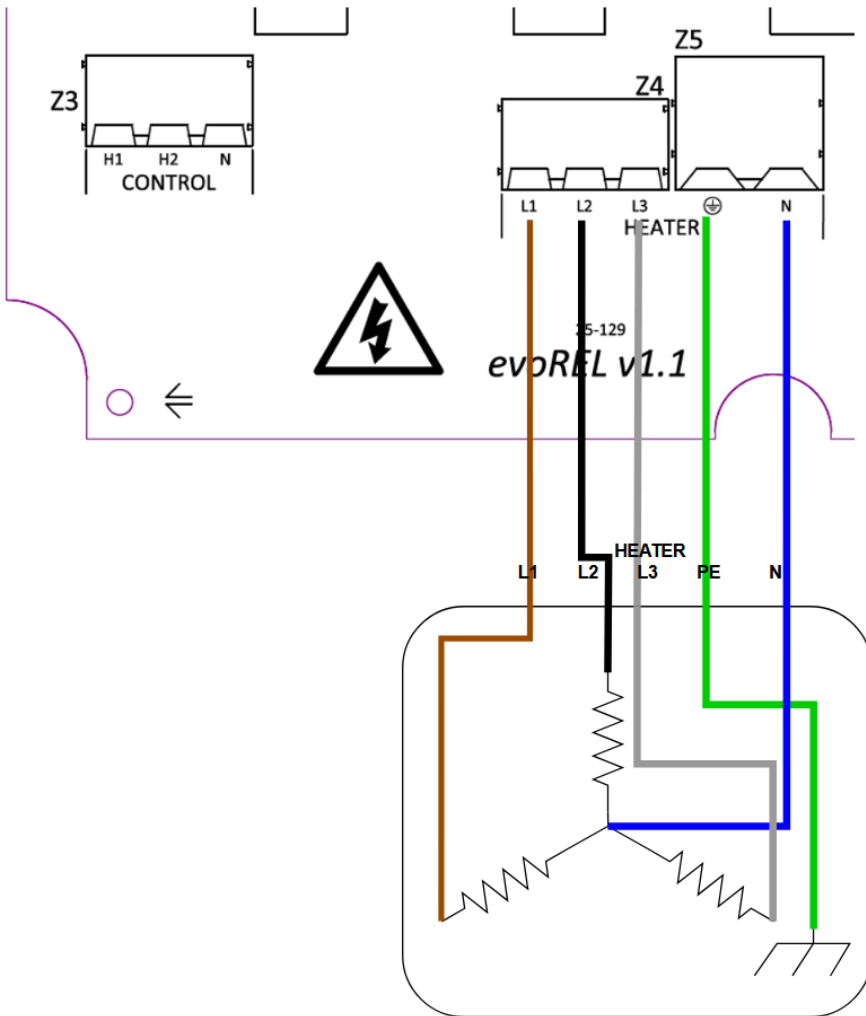
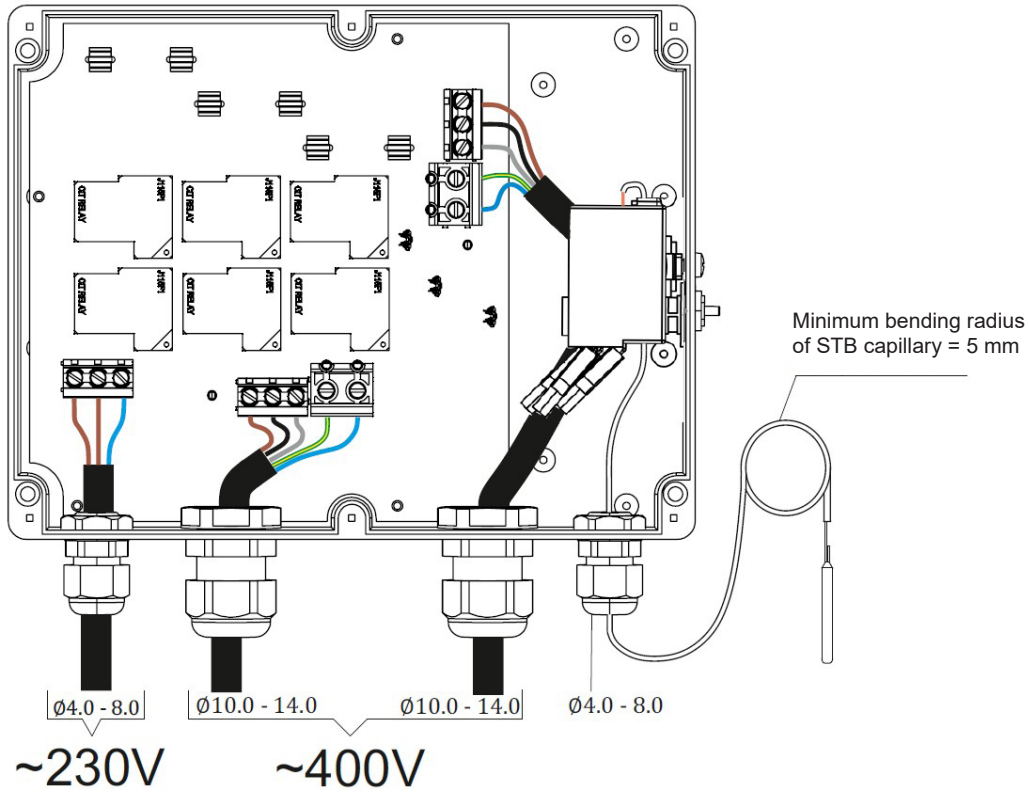
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edition
1.0, 01.04.2026



electrical connection



technical data

power supply / current consumption	400 VAC, 50 Hz / 0,06 A
maximum rated current	27 A (version for 3x2kW heater), 40 A (version for 3x3kW heater)
protection rating	IP 20
ambient / storage temperature	0...50°C / -10...+65°C
thermal cutout	STB with 1.5 m capillary, setting: 95°C
relative humidity	5...85%, non-condensing
protection class / standards	class I / PN-EN 60335-2-35, PN-EN 60335-1
micro-environment pollution degree	degree 2 according to PN-EN 60335-1
screw terminals Z2, Z5	400 VAC: 1.0..6.0 mm ² solid wire, 1.0..4.0 mm ² - multi-strand wire with ferrule, tightening torque: 1.2 Nm, stripping length: 10 mm
screw terminals Z1, Z4	400 VAC: 1.0..6.0 mm ² solid wire, 1.0..4.0 mm ² - multi-strand wire with ferrule, tightening torque: 0.5 Nm, stripping length: 8 mm
screw terminal Z3	230 VAC: 0.2..6.0 mm ² solid wire, 0.2..4.0 mm ² - multi-strand wire with ferrule, tightening torque: 0.5 Nm, stripping length: 8 mm
dimensions	225 x 205 x 80 mm
mounting method	on a flat surface or frame

dimensions

