

Terminal block wiring diagram  
**Control Device Type PP80308FE**  
Operating instructions  
E\_247429

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### User interface terminal block – general description

The protection plate separates the high voltage terminal blocks from the low voltage area.

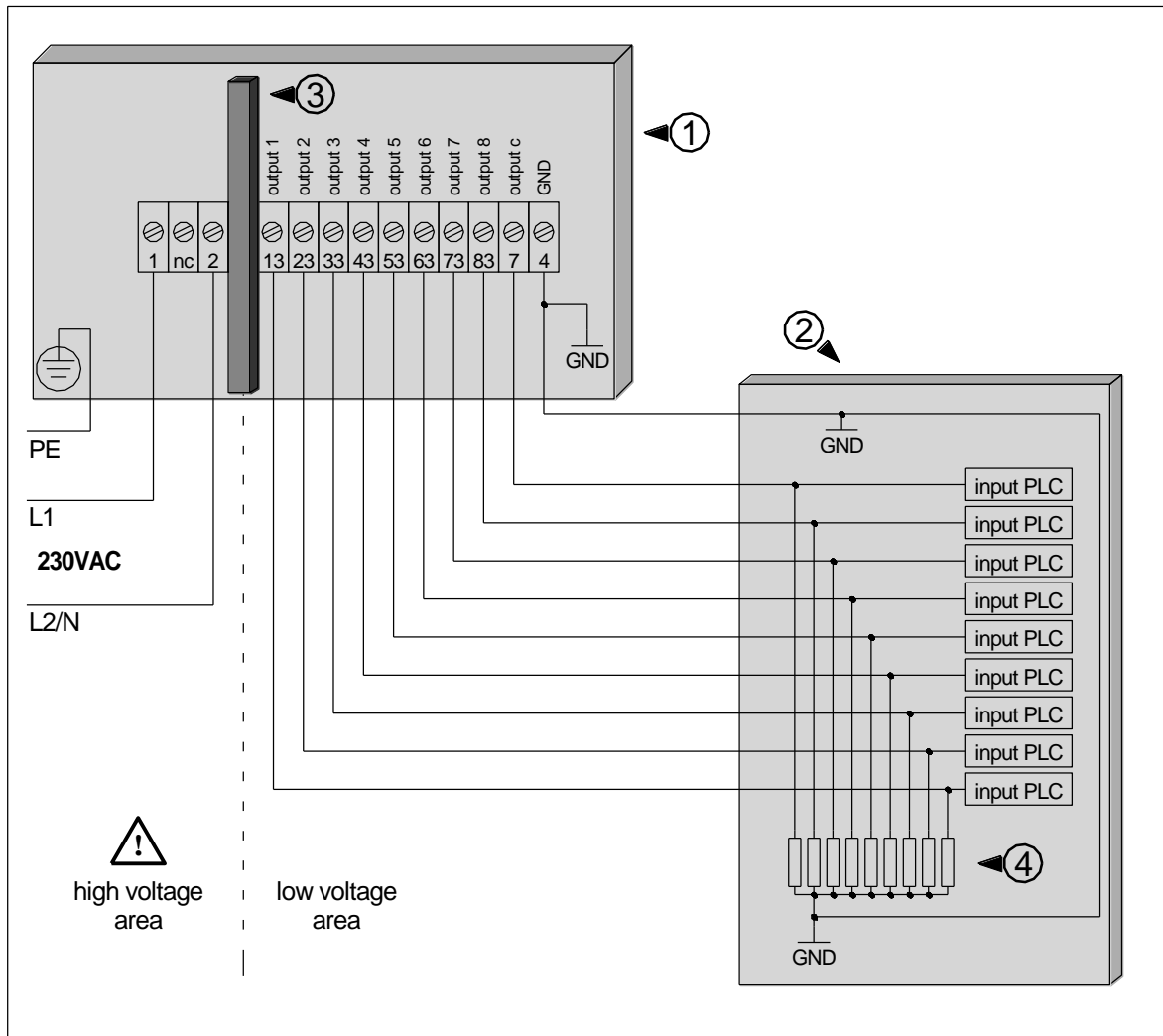
For connecting the power cable you have to use the clamping points no 1 & 2.

The terminal clamping points 13, 23, 33, 43, 53, 63, 73 and 83 provide the output signal of each light barrier which may be connected to the PLC or control system. The red LEDs correspond to the status of the output signals; the LEDs are located close to the terminal blocks.

The switching output on terminal 7 indicates that all connected light barriers are working in good conditions. This output should be connected to customers PLC for monitoring the system. The actual output status is indicating by the green LED located close to the terminal block.

The terminal block 4 has to be connected to the ground potential (0V-potential) of the power supply of the PLC.

User interface – power supply 230 VAC

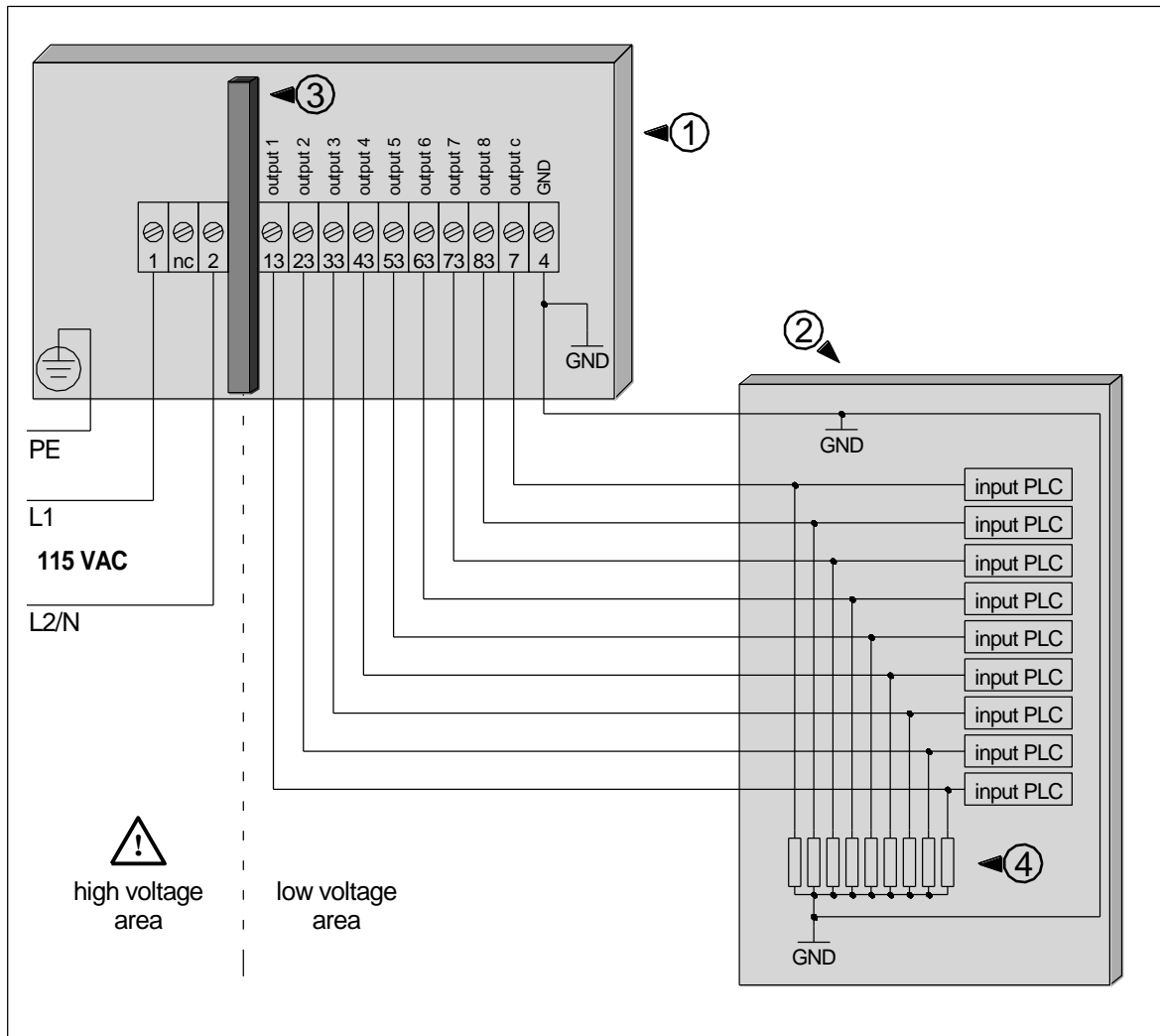


Do not connect the potential earth to the ground potential of the PLC and/or control device.

Legend:

①	Control device PP80308FE
②	PLC input section
③	protection plate
④	typically pull down resistors

User interface – power supply 115 VAC



Do not connect the potential earth to the ground potential of the PLC and/or control device.

Legend:

①	Control device PP80308FE
②	PLC input section
③	protection plate
④	typically pull down resistors