

LUMEL - RPL1 POWER CONTROLLER

RPL111200E0

LUMEL RPL1 PWR CONT (PH) 25A 400VAC

- For power control of resistive and resistive-inductive load
- Amplification of input control signal (SPAN)
- Overload protection
- Control of 3-phase load



PRODUCT DESCRIPTION

The area of RPL1 application includes:

- electric furnaces and drying structures, especially industrial furnaces and tunnel cap, furnaces for annealing and brazing, and founder crucible furnaces, drying ovens, furnaces with quenching in salt baths
- mechanical engineering equipment, aggregates and extruders for plastics processing, winding machines and tempering springs, spot welding and linear
- production of glass and glazing, plant and equipment for drying in the infrared and ultraviolet, vats for melting glass and heating trays for forming glass furnaces
- chemical and petroleum industry; radiators lining piping, wiring warming

Features:

- For power control of resistive and resistive load (transformer connected to resistive load or to rectifier circuit)
- Control mode: on/off (similar to solid state relay), pulse, phase
- Amplification of input control signal (SPAN)
- Limitation of load current
- Overload protection
- Signalization of exceeding the maximum temperature of radiator
- Control of 3-phase load (requires two RPL1 controller units)

External dimensions:

135 x 201 x 199 mm

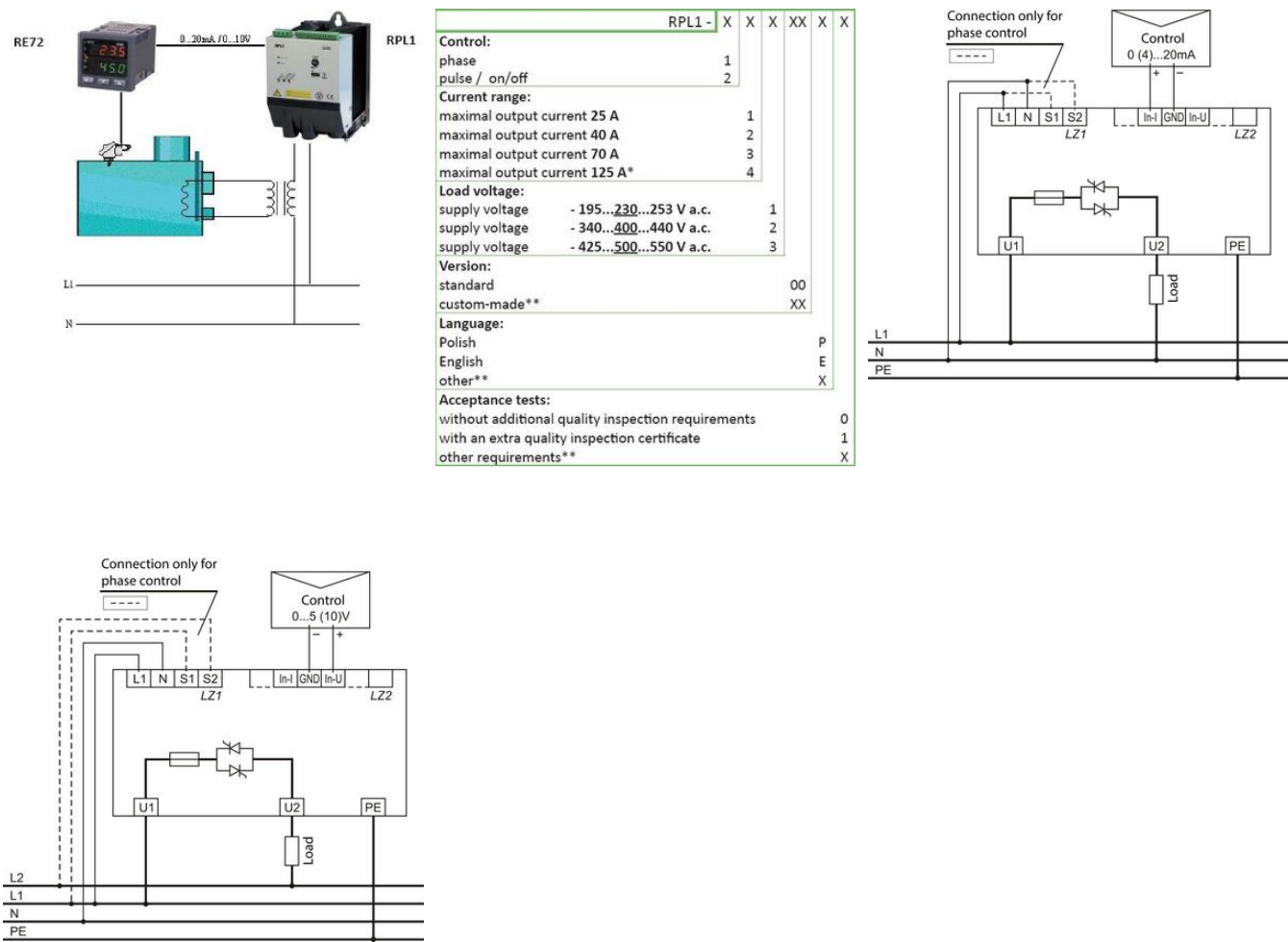
135 x 231 x 199 mm (execution with fan)

compatible with the category of operational use AC-51 acc. to EN 60947-4-3

TECHNICAL DATA

Dimensions	135 x 201 x 199 mm
Output	Maximal output current 25 A
Supply voltage	340...400...440 V a.c

Temperature operational max	40 °C
Temperature operational min	0 °C
Weight	4,5 kg



Connection only for phase control

L2

L1

N

PE

Control 0...5 (10)V