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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

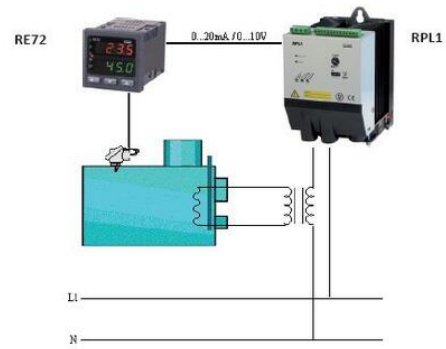
Features:
• For power control of resistive and resistive load (transformer connected to resistive load or to rectifier circuit)
• Control mode: on/off (similar to solid state relay), pulse, phase
• Amplification of input control signal (SPAN)
• Limitation of load current
• Overload protection
• Signalization 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

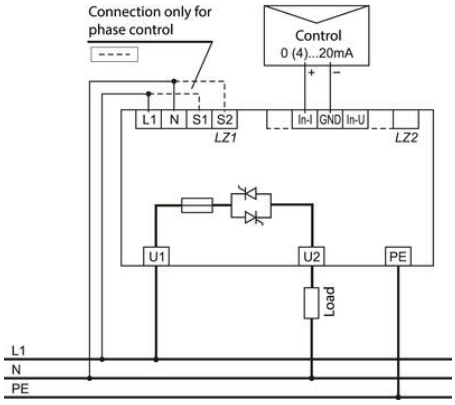
TECHNICAL DATA

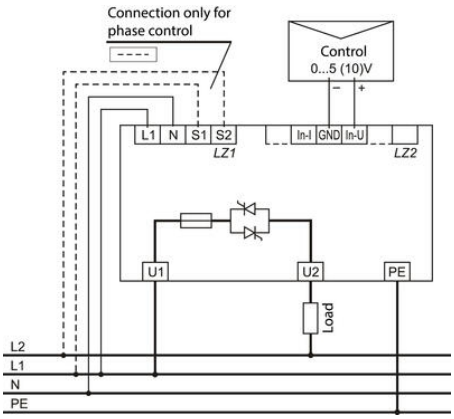
Dimensions	135 x 201 x 199 mm
Output	Maximal output current 25 A
Supply voltage	340...400...440 V a.c

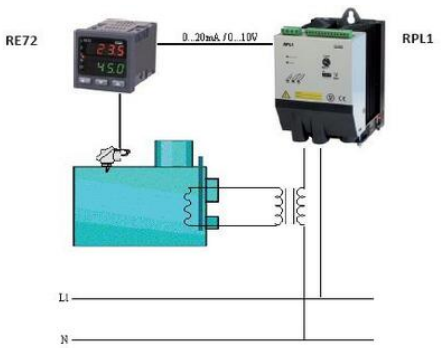
Temperature operational max	40 °C
Temperature operational min	0 °C
Weight	4.5 kg



RPL1 -	X	X	X	XX	X	X
Control:						
phase		1				
pulse / on/off		2				
Current range:						
maximal output current 25 A			1			
maximal output current 40 A			2			
maximal output current 70 A			3			
maximal output current 125 A*			4			
Load voltage:						
supply voltage - 195...230...253 V a.c.				1		
supply voltage - 340...400...440 V a.c.				2		
supply voltage - 425...500...550 V a.c.				3		
Version:						
standard				00		
custom-made**				XX		
Language:						
Polish					P	
English					E	
other**					X	
Acceptance tests:						
without additional quality inspection requirements						0
with an extra quality inspection certificate						1
other requirements**						X







RPL1 -	X	X	X	XX	X	X
Control:						
phase		1				
pulse / on/off		2				
Current range:						
maximal output current 25 A			1			
maximal output current 40 A			2			
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