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## LUMEL - RPL1 POWER CONTROLLER

RPL113100E0 LUMEL RPL1 PWR CONT (PH) 70A 230VAC

- 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)

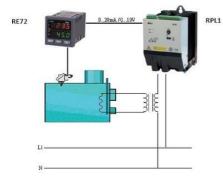
compatible with the category of operational use AC-51 acc. to EN 60947-4-3

# **TECHNICAL DATA**

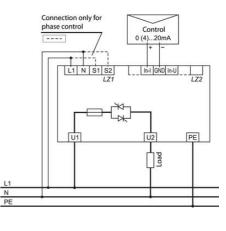
Dimensions	135 x 201 x 199 mm
Output	Maximal output current 70A
Supply voltage	195230253 V a.c.

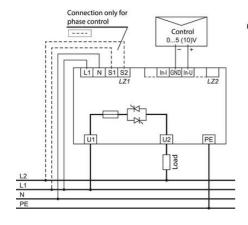


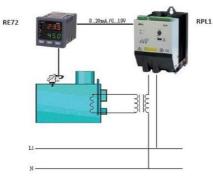
Temperature operational max	40 °C
Temperature operational min	0°0
Weight	4.5 kg



Control:	RPL1 -	~	X	-	XX	~	X
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 - 195230.				1			
supply voltage - 340 <u>400</u> .	440 V a.c.			2			
supply voltage - 425 <u>500</u> .	550 V a.c.			3			
Version:							
standard					00		
custom-made**					XX		
Language:							
Polish						Ρ	
English						Е	
other**						Х	
Acceptance tests:							
without additional quality inspec	tion require	me	nts				0
with an extra quality inspection of	ertificate						1
other requirements**							Х







	RPL1 -	Х	Х	Х	XX	Х	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 <u>230</u> 2				1			
supply voltage - 340 <u>400</u> 4				2			
supply voltage - 425 <u>500</u> 5	50 V a.c.			3	1		
Version:							
standard					00		
custom-made**					XX		
Language:							
Polish						Ρ	
English						Е	
other**						Х	
Acceptance tests:							
without additional quality inspection	on require	me	nts				0
with an extra quality inspection cer	tificate						1
other requirements**							Х

