

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

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