

Control and regulation units series KM-RPL./4004

for operation of industrial heating mantles



Description:

With this table device you can steplessly adjust the power of each heating zone. The particular switching function of the power controller will be displayed with an assigned signal lamp.

Each heating zone of the industrial heating mantle is separately controlled by a digital electronic temperature regulator. For regulation the temperature of the medium a further electronic temperature regulator is installed. It must be connected over a Lemo-socket on the back of the device with a Pt-100 temperature sensor.

This medium regulator can be switched off on the back side. By interruption of a sensor the corresponding heating zone will be switched off. The connection of the heating and the temperature sensors is made by a separate multi-plug.

Features:

- stable plastic-coated table device
- main switch
- 3-5 power controller with display and internal monitoring
- temperature control for the lower heating zone
- additional regulation with a contact thermometer connection
- switching power each heating zone max. 2300 W
- heating zones can be switched off separately



Technical data

KM-RPL./4004

nominal voltage	230 / 400 V AC
number of power controller corresponding to the heating zones	see order data
nominal power pro heating zone	max. 2300 W
regulation temperature of the lower heating zone	freely selectable 0-450°C
protection class	I
protection type	IP 40
ambient temperature	0 - 50°C
net connection cable	2,0 m with CEE-plug 16 A - 5-pole
dimensions	400 x 140 x 250 mm (B x H x T)

Order data

type	heating zones	order-no.
KM-RKL3/4004	3	65304004
KM-RKL4/4004	4	65404004
KM-RKL5/4004	5	65504004

Further control and regulation units

Series KM-RKL./1004

The lower heating zone of an industrial heating mantle will be controlled by a built-in NiCr-Ni temperature sensor and an electronic regulator. So the regulating temperature of the lower heating zone ist freely selectable.



Series KM-RKL./2004

Each heating zone of an industrial heating mantle is controlled by a built-in NiCr-Ni temperature sensor and an internal regulator. So the max. surface temperature of each heating zone is fixed exactly on 300°.



Please ask for the corresponding technical data sheets.

Note: Further expansion stages are available on request.

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