



ISOHEAT®



High Tech Engineering

LabHEAT® Control systems series KM-RPL./4004 for industrial heating mantles

Description:

This table device can be used for infinitely variable setting the heating power of each heating zone. The respective switching function of the power controller is displayed by an assigned signal lamp.

Each heating zone of the industrial heating mantle is also monitored and controlled by a digital electronic temperature controller.

In case one of a sensor is interrupted, the corresponding heating zone switches off.

To control the medium temperature, an additional electronic temperature controller is built in, which can be connected via a 4-pole Lemo socket on the back side of the device with a Pt-100 temperature sensor.

The heating mantle and temperature sensor are connected via a multiple-pin connector plug.



Features:

- compact plastic coated, chemical-resistant metal housing
- main power switch
- power controller for each heating zone
- digital temperature regulating for each heating zone
- additional digital control for medium temperature possibly
- max. switching capacity 2300 W per each heating zone
- heating zones are separately switchable

Technical specification

KM-RPL./4004

Nominal voltage	230 / 400 V AC
number of power regulator equal to the heating zones	see ordering details
nominal switching capacity per heating zone	max. 2300 W
regulation temperature of the heating zones	free adjustable 0-450°C
protection class	I
system of protection	IP 40
environmental temperature	0 - 50°C
power supply	2,0 m with CEE-plug 16 A - 5-pin
dimension	400 x 140 x 250 mm (B x H x T)

Ordering details

type	heating zones	part-no.
KM-RPL3/4004	3	65304004
KM-RPL4/4004	4	65404004
KM-RPL5/4004	5	65504004

More control system:

series KM-RKL./1004

The lower heating zone of the industrial heating mantle is monitored by an electronic regulator with a built-in NiCr-Ni temperature sensor. In this case, the control temperature of the lower heating zone is freely selectable up to 450°C.



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