

## Control and regulation units series KM-RKL./2004

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 an internal regulator. So the max. surface temperature of each heating zone is fixed exactly on 300°. All heating zones are switched off, when the sensor interrupts.

In addition to control the temperature of the medium, you can connect a contact thermometer on the back side of the device by a diode-socket. The connection of the heating mantle is made by a multi-pin connector for the heating circuits and the temperature sensor.

### 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-RKL./2004

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	300°C fixed
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-RKL3/2004	3	65302004
KM-RKL4/2004	4	65402004
KM-RKL5/2004	5	65502004

## 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-RPL./4004

Technical data like series KM-RKL./2004, but each heating zone and the medium temperature of the industrial heating mantle ist controlled by a digital temperature regulator.



Please ask for the corresponding technical data sheets.

### Note:

Further expansion stages are available on request.

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