

## Control and regulation units series KM-RKL./1004

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.

The lower heating zone of the industrial heating mantle will be controlled by an electronic regulator with a NiCr-Ni temperature sensor. 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. 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./1004

|   |                                 |
|---|---------------------------------|
| 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-RKL3/1004 | 3             | 65301004  |
| KM-RKL4/1004 | 4             | 65401004  |
| KM-RKL5/1004 | 5             | 65501004  |

## Further control and regulation units

### 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°.



### 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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