

Data sheet MK 200 I/O Modules



Customized solution or off-the-shelf: The choice is yours!

R-S-I MK 200 I/O – data sheet

Looking for a quick and reliable solution? – Then rely on our standard products: Our universal controls provide valuable solutions for a wide range of applications. We offer you the benefit from our broad experience of over thirty years. And even with our basic products some variation can be achieved: Each control can be combined with several different types of displays and operating sequences can be configured for individual needs.

Standard Product

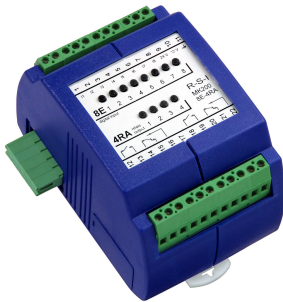


Fig. 1: Module 8E/4RA in housing version A.



Fig. 2: Module 12RA in housing version B.

Description

Upgrading modules for additional analog and digital inputs and outputs for most R-S-I standard controls. Can be connected via the serial interface (RS485).

At maximum 32 modules can be combined at the same time.

Housing – Display

Housing: Plastics

A: 108 x 70 x 74 mm

B: 108 x 100 x 74 mm

C: 108 x 130 x 74 mm

(h x w x d)

Protection class: IP 40

Display: 1 green LED per Input or Output

Installation: mounted on top hat rail (DIN)

Operating Conditions

Power supply: 18VAC / 50 - 60 Hz

Operating temperature: 0 ... 60°C

Humidity at 40°C: max. 95%

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The following applies to all modules:

Digital Inputs

Geberspannung 24VDC

Digital Outputs

Relay outputs: change over or normally open with

Max. breaking capacity	1000 VA
Max. voltage breaking capacity	250 V AC
Max. breaking current	4A

Analog Inputs

4 ... 20mA: resolution 10 bit
power supply 18 VDC (intern)

KTY/PT1000 resolution 10 bit
measurment range 0 ... 120°C

Analog Outputs

Current output (0)4 ... 20mA

Connecting

Screw type terminal blocks

CPU

8 bit microcontroller with flash memory

EMC

Interference resistance	EN 61000-6-2
Emissions	EN 61000-6-3

Available Modules

8RA – Art.-Nr. 002200

8 digital outputs (4x change over , 4x normally open)
Housing A

12 RA – Art.-Nr. 002201

12 digital outputs (12x normally open)
Housing B

8E/4RA – Art.-Nr. 002202

8 digital inputs
4 digital outputs (2x change over , 2x normally open)
Housing A

8E/4AE – Art.-Nr. 002203

8 digital inputs
4 analog inputs (z. B.: 2x 4 ... 20mA, 2x KTY)
Housing A

2AA – Art.-Nr. 002205

2 analog outputs, electrically insulated
Housing A

4AA – Art.-Nr. 002206

4 analog outputs, electrically insulated
Housing A

Additional versions available on request!

We are looking forward to finding the right solution for you!