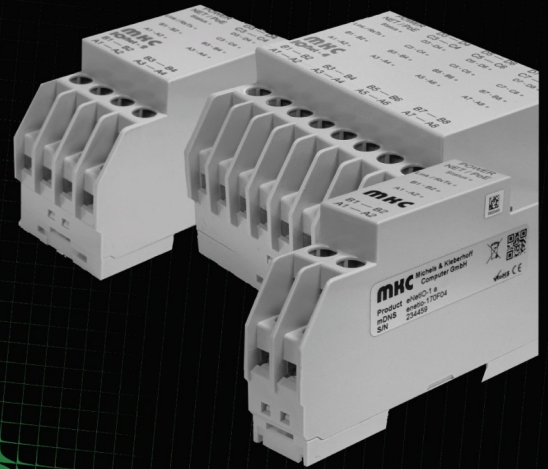# eNetIO

- **HTTP, JSON, REST API, MQTT Client**
- **Top hat rail mounting according to EN 60715**
- **Standalone, no cloud registration**
- **Up to 30 galvanically isolated IOs**
- **Power supply 24V or directly via the network (PoE)**

eNetIO - Intelligent process monitoring and control made easy

The eNetIO is the smart solution for **recording, controlling and monitoring** sensors and actuators in a wide range of applications - from home automation to industrial processes. Thanks to its **modular design** and support for open communication standards, the device can be seamlessly integrated into existing systems or operated as a standalone solution.

Main features:

- **Versatile I/O interfaces**: Combination of analog and digital inputs and outputs for up to **30 sensors/actuators** - individually configurable and galvanically isolated.

- **Power over Ethernet (PoE)**: Power supply directly via the network cable in accordance with **IEEE802.3af**, optionally also with external power supply

- **Robust housing**: For **top-hat rail mounting in accordance with EN 60715**, ideal for use in control cabinets.

- **Open communication**: access via **HTTP, JSON REST-API and MQTT** - without any cloud, app or registration. Ideal for security-critical applications where data sovereignty, offline functionality and network security are paramount.

- **Flexible device variants**: Available in -1, -2, -4 and -8 versions, depending on application requirements.

You can find more information about our products and services at www.enetio.com

eNetIO...

Maximum flexibility - full control:

The eNetIO integrates perfectly into common control systems such as **openHAB** or **Node-RED** and offers maximum freedom for individual automation solutions - whether in smart homes, building automation or industrial environments.

The appliance family was developed in-house and is manufactured at our Wuppertal site.

This means that the main part of PLM and ALM (Product and Application Lifecycle Management) is our responsibility.
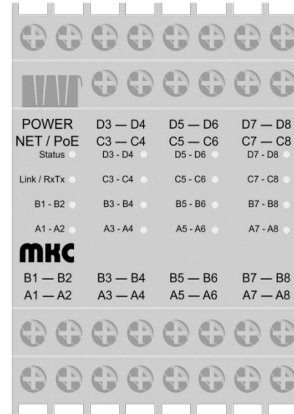
This means that we are able to offer a firmware modification service at any time - combined with the adaptation of the implemented homepage and housing to your company design (corporate identity).

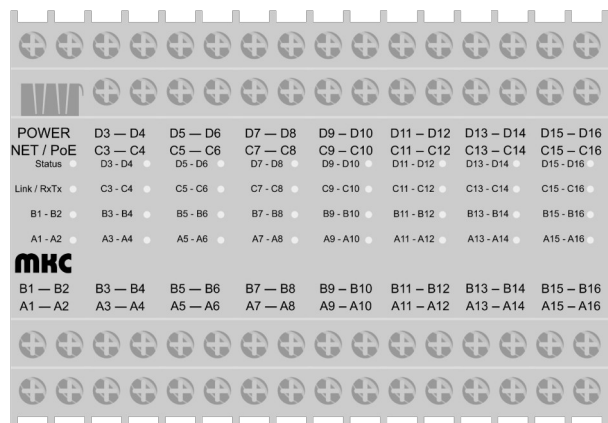## Do you have any questions or would you like a customized device?

Our team will be happy to assist you with the selection and customization. **Contact us by e-mail or phone - we look forward to your project!**

Housing:

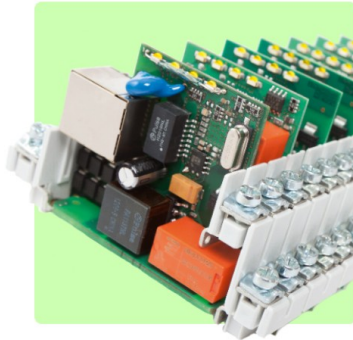| Dimensions L x H x B [mm] | eNetIO-1: | 90 x 60 x 17,5 |
	eNetIO-2:	90 x 60 x 35
	eNetIO-4:	90 x 60 x 70
	eNetIO-8:	90 x 60 x 140

eNetIO-4

eNetIO-8

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eNetIO...

**SYSTEMS
DEVICES
PROTOTYPES**

**HARDWARE
SOFTWARE
DEVELOPMENT**

**ASSEMBLY
SMD / THT
AOI**

test

develop

assemble

**COMPETENCE
QUALITY
SERVICE**

**CONTROLLER
LINUX
NODE RED**

**EMBEDDED
MODULES
SENSORS**

**REMOTE IO
REST / MQTT
POE**

Further information on our products
and services can be found at
www.mkc-gmbh.com

MKC Michels & Kleberhoff Computer GmbH
42329 Wuppertal, Vohwinkeler Str. 58
Tel.: +49 / 202 / 27317-0
info@mkc-gmbh.de