

goap<sup>®</sup>

**NETIC<sup>®</sup>**

**Catalogue**



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# NETICcontrol®

NETICcontrol® family comprises of:

- NETIC®MMr1 – main controller
- NETIC®M01A – module for controlling shades 24V
- NETIC®M01B – module for controlling shades 230V
- NETIC®M04 – module for controlling lighting
- NETIC®M04B – module for controlling lighting
- NETIC®M05 – room unit
- NETIC®M06 – analogue module
- NETIC® connecting cables
- NETIC® terminator RJ12



**Type:** NETIC®MMr1 CH  
**Ordering Code:** NEAMMA1

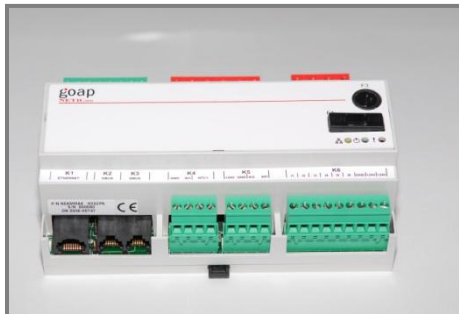
## 1 NETIC®MMr1 CH

The main module NETIC®MMr1 is used to control heating, cooling, ventilation and other devices. The module is pre-programmed; the operation mode is determined by the configuration tool NETICconfigurationSoftware® - NCS.

### Characteristics:

- **Power supply:** 230VAC +/-10%, 50-60Hz
- **Communication:** Modbus TCP/IP
- **Assembly:** DIN rail
- **HW configuration:**
  - 2 DO: TRIAC, Min Cur.: 70mA; Max. Cur.: 0,5A
  - 1 DO: relay, Min Cur.: 5A
  - 2 DO: TRIAC, Max. Cur.: 0,2A
  - 2 DO: TRIAC, Min Cur.: 150mA; Max. Cur.: 4,5A
  - 6 DI: 0 – 24VDC, free contact
  - 2 AI: 0 – 20mA or 0 – 10VDC
  - 5 NTC: 2,5kΩ – 30kΩ
  - 1 AO: 0 – 10VDC, Max. Cur.: 10mA

Additional information is given in the technical specifications.



**Type:** NETIC®MMr1 CQ  
**Ordering Code:** NEAMMA5

## 2 NETIC®MMr1 CQ

The main module NETIC®MMr1 is used to control heating, cooling, ventilation and other devices. The module is pre-programmed; the operation mode is determined by the configuration tool NETICconfigurationSoftware® - NCS.

### Characteristics:

- **Power supply:** 230VAC +/-10%, 50-60Hz
- **Communication:** Modbus TCP/IP
- **Assembly:** DIN rail
- **HW configuration:**
  - 2 DO: TRIAC, Min Cur.: 70mA; Max. Cur.: 0,5A
  - 1 DO: relay, Max. Cur.: 5A
  - 4 DO: TRIAC Max Cur.: 0,2A
  - 6 DI: 0 – 24VDC, free contact
  - 2 AI: 0 – 20mA or 0 – 10VDC
  - 5 NTC: 2,5kΩ – 30kΩ
  - 1 AO: 0 – 10VDC, Max. Cur.: 10mA

Additional information is given in the technical specifications.



**Type:** NETIC®M01A  
**Ordering Code:** NEAMHA1

### 3 NETIC®M01A

The main purpose of the NETIC®M01A module is shade controlling. Gbus communication is used for power supply and communication with the main controller NETIC®MMr1.

**Characteristics:**

- **Power supply:**  
Module: from NETIC®MMr1  
Loads: 24VAC/DC
- **Communication:** Gbus – communication with NETIC®MMr1
- **Assembly:** DIN rail
- **HW configuration:**
  - 2 DO: relay, Max. Cur.: 5A
  - 4 DI: 0 – 24VDC, free contact

Additional information is given in the technical specifications.



**Type:** NETIC®M01B  
**Ordering Code:** NEAMAA1

### 4 NETIC®M01B

The main purpose of the NETIC®M01B module is shade controlling. Gbus communication is used for power supply and communication with the main controller NETIC®MMr1.

**Characteristics:**

- **Power supply:**  
Module: from NETIC®MMr1  
Loads: 230VAC
- **Communication:** Gbus – communication with NETIC®MMr1
- **Assembly:** DIN rail
- **HW configuration:**
  - 2 DO: relay, Max. Cur.: 5A
  - 4 DI: 0 – 24VDC, free contact

Additional information is given in the technical specifications.



**Type:** NETIC®M04

**Ordering Code:** NEAMIA1

## 5 NETIC® M04

The main purpose of the NETIC®M04 module is lighting control. Gbus communication is used for power supply and communication with the main controller NETIC®MMr1.

### Characteristics:

- **Power supply:**  
Module: from NETIC®MMr1  
Loads: 230VAC
- **Communication:** Gbus – communication with NETIC®MMr1
- **Assembly:** DIN rail
- **HW configuration:**
  - 8 DO: TRIAC, Max. Cur.: 0,5A
  - 8 DI: 0 – 24VDC, free contact
  - 1 AI: 0 – 20mA or 0 – 10VDC

Additional information is given in the technical specifications.



**Type:** NETIC®M04B

**Ordering Code:** NEAMCA1

## 6 NETIC® M04B

The main purpose of the NETIC®M04B module is lighting control. Gbus communication is used for power supply and communication with the main controller NETIC®MMr1.

### Characteristics:

- **Power supply:**  
Module: from NETIC®MMr1  
Loads: 230VAC
- **Communication:** Gbus – communication with NETIC®MMr1
- **Assembly:** DIN rail
- **HW configuration:**
  - 6 DO: relay, Max. Cur.: 5A
  - 2 DO: TRIAC, Max. power: 250W
  - 8 DI: 0 – 24VDC, free contact
  - 1 AI: 0 – 20mA or 0 – 10VDC

Additional information is given in the technical specifications.



**Type:** NETIC<sup>®</sup>M05  
**Ordering Code:** NEAMDA4  
(white)



**Type:** NETIC<sup>®</sup>M05  
**Ordering Code:** NEAMDA5  
(silver)

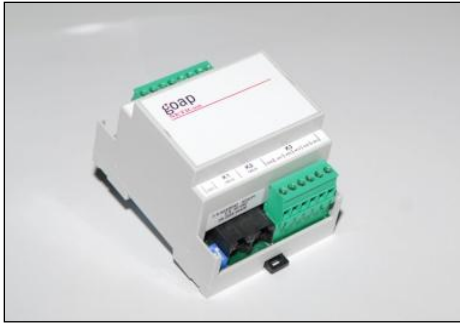
## 7 NETIC<sup>®</sup>M05

NETIC<sup>®</sup>M05 is a room unit designed for setting the desired temperature and switching on/off the heating, cooling and ventilation systems. Gbus communication is used for power supply and communication with the main controller NETIC<sup>®</sup>MMr1.

### Characteristics:

- **Power supply:**  
Module: from NETIC<sup>®</sup>MMr1
- **Communication:** Gbus – communication with NETIC<sup>®</sup>MMr1
- **Assembly:** wall mounted
- **HW configuration:**
  - **Temperature measurement**  
0 – 50°C (+/-0.5°C)
  - **Moisture measurement**  
25% – 85% (+/-5% in range 40% - 65%)
  - **Light measurement**  
Measurement of room illumination
  - **Push buttons**  
Max. number of push buttons: 6
- **Casing colour**
  - white
  - silver

Additional information is given in the technical specifications.



**Type:** NETIC®M06

**Ordering Code:** NEAMEA3

## 8 NETIC®M06

NETIC®M06 is an analogue module with analogue inputs and analogue outputs for connecting devices with standard signals 0-10V or 0-20mA. Gbus communication is used for power supply and communication with the main controller NETIC®MMr1.

### Characteristics:

- **Power supply:**  
Module: from NETIC®MMr1  
Loads: 24VDC (source NETIC®MMr1)
- **Communication:** Gbus – communication with NETIC®MMr1
- **Assembly:** DIN rail
- **HW configuration:**
  - 4 AI: 0 – 20mA or 0 – 10VDC
  - 4 AO: 0 – 20mA or 0 – 10VDC, Rload max: 1kΩ, Max. Cur.: 10mA

Additional information is given in the technical specifications.



**Type:** NETIC® cable MM-M05 10m

**Ordering Code:** NEBCGA3

## 9 NETIC® cable MM-M05 10m

Cable for power supply and communication between NETIC®MMr1 and NETIC®M05.

Cable length: 10m

Additional information is given in the technical specifications.



**Type:** NETIC® cable MM-M05 20m  
**Ordering Code:** NEBCGA4

## 10 NETIC® cable MM-M05 20m

Cable for power supply and communication between NETIC®MMr1 and NETIC®M05.

Cable length: 20m

Additional information is given in the technical specifications.



**Type:** NETIC® cable MM-M0X 0,5m  
**Ordering Code:** NEBCDA1

## 11 NETIC® cable MM-M0X 0,5m

Cable for power supply and communication between NETIC®MMr1 and modules NETIC®M01A, NETIC®M01B, NETIC®M04, NETIC®M04B and NETIC®M06.

Cable length: 50cm

Additional information is given in the technical specifications.



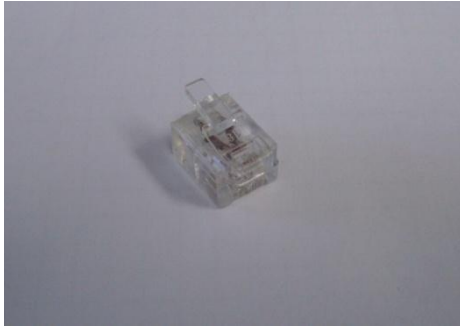
**Type:** NETIC® cable MM-M0X 1m  
**Ordering Code:** NEBCDA2

## 12 NETIC® cable MM-M0X 1m

Cable for power supply and communication between NETIC®MMr1 and modules NETIC®M01A, NETIC®M01B, NETIC®M04, NETIC®M04B and NETIC®M06.

Cable length: 100cm

Additional information is given in the technical specifications.



**Type:** NETIC<sup>®</sup> terminator RJ12  
**Ordering Code:** NECAXA1

### 13 NETIC<sup>®</sup> terminator RJ12

The terminator is used for impedance adjustment of Gbus lead.

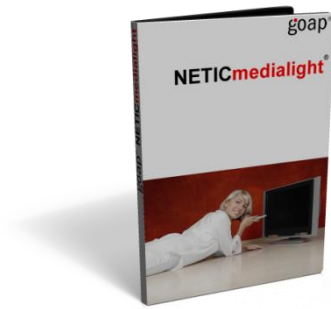
The terminator is installed on the first and the last module on each Gbus.

Additional information is given in the technical specifications.

## NETIC<sup>®</sup> application

NETIC<sup>®</sup> applications family consists of:

- NETICmedialight<sup>®</sup>
- NETICtouch<sup>®</sup>
- NETICweb<sup>®</sup>
- NETICspotplay<sup>®</sup>
- NETICadministration<sup>®</sup>
- NETICconfigurationSoftware<sup>®</sup> - NCS



**Type:** NETICmedialight<sup>®</sup> server licence  
**Ordering Code:** NEEGAA1

## 14 NETICmedialight<sup>®</sup> server licence

NETICmedialight<sup>®</sup> server licence is software needed for the interactive TV. One licence is needed for a single project.



**Type:** NETICmedialight<sup>®</sup> client licence  
**Ordering Code:** NEEGAA2

## 15 NETICmedialight<sup>®</sup> client licence

A NETICmedialight<sup>®</sup> server licence is needed for functioning. NETICmedialight<sup>®</sup> client licence is software needed for the interactive TV. One licence is needed for each client device (Set-Top Box, PC and touch screen).



**Tip:** NETICtouch<sup>®</sup> licence  
**Ordering Code:** NEEGBA3

## 16 NETICtouch<sup>®</sup> licence

NETICtouch<sup>®</sup> licence is software needed for managing by touch screen. One licence is needed for each touch screen.



**Type:** NETICweb® server licence  
**Ordering Code:** NEEGCA1

## 17 NETICweb® server licence

NETICweb® server licence is software needed for management via internet access. The server licence already includes five NETICweb® client licences (for five users). One licence is needed for single project.



**Type:** NETICweb® client licence  
**Ordering Code:** NEEGCA2

## 18 NETICweb® client licence

A NETICweb® server licence is needed for functioning. NETICweb® client licence is software needed for management via internet access. One licence is needed for each user (when there are more than five users).



**Tip:** NETICweb® + NETICTouch®  
licence  
**Ordering Code:** NEEGDA3

## 19 NETICweb® + NETICTouch® licence

The product consists of a NETICweb® server licence (Type: NETICweb® server licence) and NETICTouch® licence (Type: NETICTouch® licence). The software is needed for management via internet access and touch screen.



**Type:** NETICspotplay® server licence  
**Ordering Code :** NEEGEA1

## 20 NETICspotplay® server licence

NETICspotplay® server licence is software needed for digital signage. The server license already includes two NETICspotplay® client licences.  
One licence is needed for single project.



**Type:** NETICspotplay® client licence  
**Ordering Code :** NEEGEA2

## 21 NETICspotplay® client licence

A NETICspotplay® server licence is needed for functioning. NETICspotplay® client licence is software needed for digital advertising.  
One licence is needed for each client device - thin client PC (in case there are more than two client devices).



**Tip:** NETICadministration® licence  
**Ordering Code:** NEEGFA3

## 22 NETICadministration® licence

NETICadministration® licence is software intended for integrators for setting NETIC® applications:

- NETICmedialight®
- NETICtouch®
- NETICweb®
- NETICspotplay®



**Tip:** Training NETICadministration®  
**Ordering Code:** NEGGFA1

## 23 Training NETICadministration®

Training for integrators to work with the NETICadministration® software.



**Tip:** NETICconfigurationSoftware® -  
NCS licence  
**Ordering Code:** NEEGGA3

## 24 NETICconfigurationSoftware® - NCS licence

NETICconfigurationSoftware® - NCS licence is software intended for integrators for setting the NETICcontrol® family.



**Tip:** Training  
NETICconfigurationSoftware® - NCS  
**Ordering Code:** NEGGGA1

## 25 Training NETICconfigurationSoftware® - NCS

Training for integrators to work with the NETICconfigurationSoftware® - NCS software.



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