

Sample distributor for the **gesis[®] RM** system
 – **gesis[®] RM** speaks KNX/EIB or LON



wieland

Electrical
Connections

gesis[®] RM

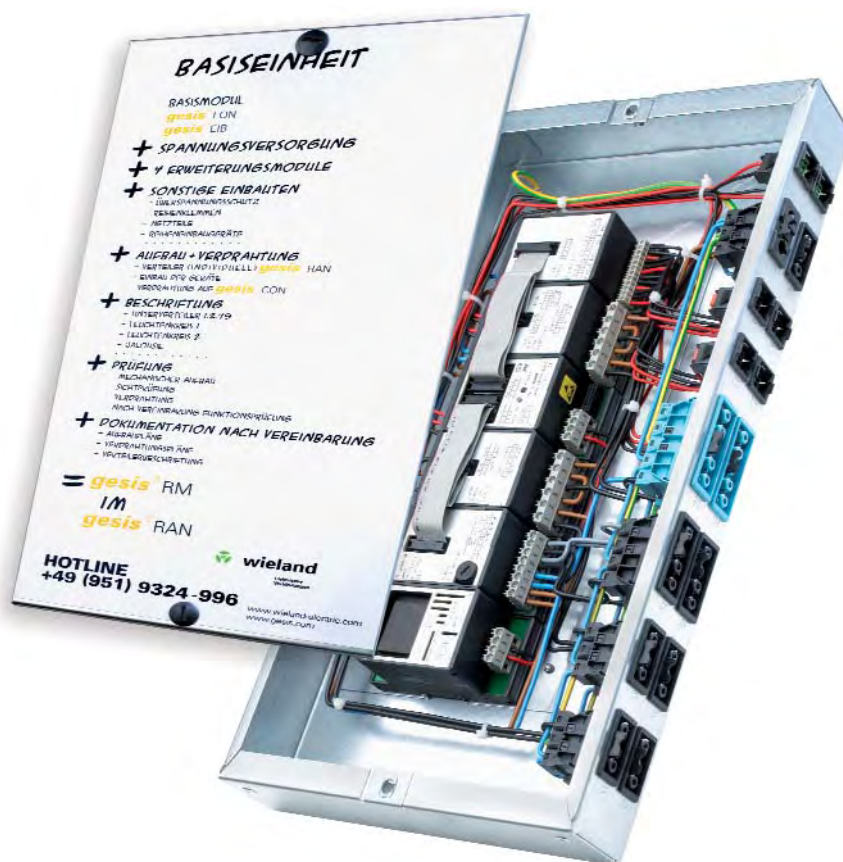
gesis[®] RM – the modular system for KNX/EIB or LON

Who is not familiar with this: each function requires its own bus module. Since devices with many channels are used for reasons of cost remote installations are impossible. Subsequently the cables used in the building become a confusing jungle. Modifications are nearly impossible. Or, the discussions about which bus system to use never come to an end: Is it better to use KNX or LON?

There is a simple solution to all these problems: **gesis[®] RM**

The system consists of a base module and various extension modules. It provides one base module for LON or KNX respectively. The extension modules connected to it as well as the software settings made on the base module determine the assembly's function. Relay outputs, switching/dimming outputs and a universal dimmer are available for lighting control. Sunblind motors can be connected in 230V AC or 24V DC variations. Floating contacts or radio switches from the **gesis[®] RC** range can be used as inputs.

All modules are mounted inside a distribution box (**gesis[®] RAN**) which enables a remote and pluggable installation. The customer defines the type and number of connections. The installation can thus be optimized without a problem.



Sample distributor:

- The sample distributors (KNX/EIB as well as LON) are fully functional; the modules are series devices.
- The unit is just 55 mm high due to a special assembly method for the modules.
- All inputs/outputs are pluggable and equipped with **gesis[®] CON**.
- Additional useful information is provided on the distributor's cover. Also available in English on request.

Parts list **gesis[®] RM** electronics:

Base module for KNX/EIB	– Binary input, 8-fold	83.020.0402.0
83.020.0400.0	– Switching output, 4-fold	83.020.0403.0
or		
Base module for LON	– Sunblind output, 2-fold	83.020.0404.0
83.020.0300.0	– Power supply	83.020.0401.0
	– Switching/dimming output, 2-fold	83.020.0405.0



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AT Wieland

Components and system components for the control cabinet

- DIN rail terminal blocks
 - with screw connection
 - with spring clamp connection
 - with IDC connection
- Safety
 - Safety relays
 - Modular safety systems
- Fieldbus components
- Interface
 - Power supplies
 - Overvoltage protection
 - Measuring and monitoring relays
 - Time and switching relays
 - Coupling relays/solid state relays
 - Analog modules
 - Passive interfaces

Components and system components for field applications

- Remote automation
 - Remote power distribution
 - Remote fieldbus interface
 - Industrial multipole connectors
 - Modular multipole connectors
 - High-density multipole connectors
 - High-current multipole connectors
 - Multipole connectors for hazardous areas
 - Bushings for control cabinets
 - D-Sub connectors
 - Round connectors
- Empty housings and appliance connectors/terminal strips

AT Schleicher

- PLC systems and CNC based control systems
- Operator panels
- Application engineering & system solutions
- Customized products

BIT Wieland

- Building installation systems
 - Mains connectors IP20/IP65...IP68
 - Bus connectors
 - Combined connectors
 - Low-voltage connectors
 - Flexible flat cable systems
 - Distribution systems
 - Switching devices for EIB/KNX, LON, Ethernet, radio control
 - DIN rail terminal blocks for electrical installations
 - Overvoltage protection

PCB connectors Wieland

- PC board connectors
- PC board connectors
 - with screw connection
 - with spring clamp connection
 - with TOP connection

gesis® RM stands for:

- Individual:** in size, marking, contents, etc.
- Modular:** within the bus system as well as regarding the type and number of functions (extension modules)
- Extendable:** installation of additional functions such as DIN rail terminal blocks, overvoltage protection, etc.
- Pluggable:** the distributors are delivered completely pluggable; the customer defines the type and number of connectors
- Small:** minimum construction height is 55 mm
- Tested:** the design and wiring of all distributors is tested by default; the function is tested on request

Additional sample units pertaining to the topic of intelligent pluggable electrical installation with gesis®

gesis® EIB RM/ gesis® RAN	Modular device concept for KNX and LON. In LON design with functional devices.	G0.000.0335.6
gesis® LON RM/ gesis® RAN	Modular device concept for KNX and LON. In KNX/EIB design with functional devices.	G0.000.0371.0
gesis® RC	Radio control made easy with functional devices.	99.492.0000.0
gesis® IP+/ RST 20i3	3 pole connector series in protection degree IP 65 ... 68	99.429.0000.0
gesis® IP+/ RST 20i5	5 pole connector series in protection degree IP 65 ... 68	99.430.0000.0
gesis® IP+/ RST 20i2 – i5	2 to 5 pole connector series in protection degree IP 65 ... 68	99.431.0000.0
gesis® CON	Large sample kit with an overview of all gesis CON components	99.481.0000.0
gesis® MINI 3 pole	The connector system for confined installation spaces.	99.491.0000.0
gesis® TOP	Clever concept for luminaire connection	99.600.0000.0
gesis® CON Sample sets	Small sample sets from the gesis CON product lines can be ordered from the Wieland BIT catalog.	See the BIT catalog