



KNX RM base module



The KNX RM base module manages up to four extension modules. The extension modules are connected with a flat cable to the base module; the flat cable is supplied with the extension modules. Independent of the number of extension modules the module counts as one physical address.

Type	Part No.	Net price per unit
gesis EIB RM2-BAS	83.020.0400.3	
Infeed: Supply Bus	12V DC from gesis RM-PS Twisted Pair TP 1	
Outputs:	Four slots for flat cables to the extension modules	
Accessories:	gesis RM-PS	

LON RM base module



The LON RM base module manages up to four extension modules. The extension modules are connected with a flat cable to the base module; the flat cable is supplied with the extension modules. Independent of the number of extension modules the module counts as one LON node.

Type	Part No.	Net price per unit
gesis LON RM2-BAS	83.020.0300.3	
Infeed: Supply Bus Extension module	12V DC from gesis RM-PS LON (FTT 10A transceiver)	
Outputs: Extension module	Four slots for flat cables to the extension modules	
Accessories:	gesis RM-PS	

Power supply unit 1-part



A base module can be connected to the power supply unit. The power supply unit supplies the base module and, through it, the connected extension modules, too.

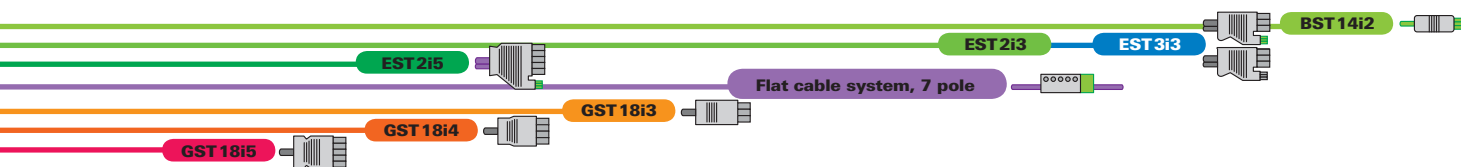
Type	Part No.	Net price per unit
gesis RM-PS	83.020.0401.0	
Infeed: Supply	230V AC	
Output:	12.5V DC SELV / 160mA for one base module	

Power supply unit 2-part




Two base modules can be connected to the power supply unit. The base module and, through it, also the extension modules are supplied with energy.


Type	Part No.	Net price per unit
gesis RM-PS 12/5	83.020.0421.0	
Infeed: Supply	230 V AC	
Output:	12.5 V DC SELV / 400mA for two base modules	




Extension module binary input 8-part

 <p>Eight independent potential-free contacts can be connected to the binary input. The scanning voltage of 12 V DC is provided by the module.</p>	<table border="1"> <thead> <tr> <th>Type</th> <th>Part No.</th> <th>Net price per unit</th> </tr> </thead> <tbody> <tr> <td>gesis RM-8/0 (12)</td> <td>83.020.0402.0</td> <td></td> </tr> </tbody> </table>		Type	Part No.	Net price per unit	gesis RM-8/0 (12)	83.020.0402.0	
	Type	Part No.	Net price per unit					
gesis RM-8/0 (12)	83.020.0402.0							
<p>Infeed: Supply 230 V AC Base module Pluggable flat cable on the front panel</p> <p>Inputs: Quantity 8, for potential-free contacts Max. cable length 100 m each Sensing voltage 12 V DC SELV, provided by the module</p> <p>Accessories: RM base module</p>								


Extension module radio input EnOcean 16-part

 <p>The radio input can manage 2 groups of eight inputs each. One slot per group is required on the base module. The radio sensors (e.g. pushbuttons) are assigned directly on the module without any additional software (EnOcean programming mode).</p>	<table border="1"> <thead> <tr> <th>Type</th> <th>Part No.</th> <th>Net price per unit</th> </tr> </thead> <tbody> <tr> <td>gesis RM-16/0 (RC)</td> <td>83.020.0408.0</td> <td></td> </tr> </tbody> </table>		Type	Part No.	Net price per unit	gesis RM-16/0 (RC)	83.020.0408.0	
	Type	Part No.	Net price per unit					
gesis RM-16/0 (RC)	83.020.0408.0							
<p>Infeed: Base module Pluggable flat cable on the front panel</p> <p>Inputs: 2 x 8, EnOcean sensors A total of 170 EnOcean telegrams can be programmed for the 16 inputs</p> <p>Accessories: RM base module Antenna with SMA plug; we recommend the Wieland antenna 83.020.0503.0</p>								

Antenna for EnOcean devices with external antenna

 <p>The 868.6 MHz antenna is suitable for connection to Wieland gesis devices with SMA socket. The black antenna can be fastened with a magnetic foot and has a 2.5 m connection cable.</p>	<table border="1"> <thead> <tr> <th>Type</th> <th>Part No.</th> <th>Net price per unit</th> </tr> </thead> <tbody> <tr> <td>Antenne</td> <td>83.020.0503.0</td> <td></td> </tr> </tbody> </table>		Type	Part No.	Net price per unit	Antenne	83.020.0503.0	
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Antenne	83.020.0503.0							
<p>Antenna</p> <ul style="list-style-type: none"> – 868.3 MHz antenna – Fastened with magnetic foot – incl. approx. 2.5 m connection cable and SMA plug 								

Extension module binary output 4-part

 <p>The 4-part switching output has four independently controllable relays. Strict isolation of the relay outputs enables connection of various phase conductors.</p>	<table border="1"> <thead> <tr> <th>Type</th> <th>Part No.</th> <th>Net price per unit</th> </tr> </thead> <tbody> <tr> <td>gesis RM-0/4</td> <td>83.020.0403.0</td> <td></td> </tr> </tbody> </table>		Type	Part No.	Net price per unit	gesis RM-0/4	83.020.0403.0	
	Type	Part No.	Net price per unit					
gesis RM-0/4	83.020.0403.0							
<p>Infeed: Supply Switching voltage for the outputs from the base module Pluggable flat cable on the front panel</p> <p>Outputs: 4, potential-free contacts 230 V; 16 A ohmic load</p> <p>Accessories: RM base module</p>								



Extension module 2-part sunblind output



The 2-part sunblind output for 230V motors with two directions of rotation can directly position the sunblind position and the slat angle for each of the two outputs separately. Fusing of the outputs inside the module considerably facilitates troubleshooting in the case of short circuit inside the sunblind circuit.

Type	Part No.	Net price per unit
gesis RM-0/2W SI	83.020.0404.0	
Infeed: Supply	230 V AC (switching voltage for outputs) from the base module Pluggable flat cable on the front panel	
Outputs: Quantity	2, for potential-free change-over contacts with neutral center position	
Fuse	230 V / 5 AT integrated in the device for the two outputs together	
Accessories:	RM base module	

Extension module sunblind output 2-part for 24V DC drives



The 2-part sunblind output for 24V DC motors with two directions of rotation (pole reversion) can optionally position the two outputs separately. Fusing of the outputs inside the module considerably facilitates troubleshooting in the case of short circuit inside the sunblind circuit.

Type	Part No.	Net price per unit
gesis RM-0/2W DC	83.020.0407.0	
Infeed: Supply	24V DC (switching voltage for outputs) from the base module Pluggable flat cable on the front panel	
Outputs: Quantity	2, potential-free with pole inversion	
Fuse	5 AT integrated in the device for both outputs together	
Rated voltage	6 – 24V DC	
Accessories:	RM base module	

Extension module 2-part switching/dimming output



The switching/dimming actuator has two separate outputs with one switching and one control output each. Strict isolation of the outputs enables connection of various phase conductors.

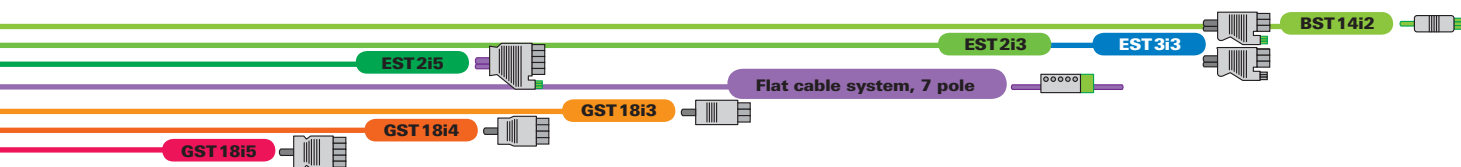
Type	Part No.	Net price per unit
gesis RM-0/2SD	83.020.0405.0	
Infeed: Supply	230V AC for supply of the electronics 230V AC (switching voltage for outputs) from the base module Pluggable flat cable on the front panel	
Outputs: Main power supply Control output	2 potential-free contacts for 230V; 16A 1 – 10V, max. 50 mA (passive)	
Accessories:	RM base module	

Extension module 2-part universal dimmer



The universal dimmer has two isolated outputs. Both outputs can automatically be adapted to the dimming behavior of the connected load (R, L, C). Mixed loads per output are not possible.

Type	Part No.	Net price per unit
gesis RM-0/2D	83.020.0409.0	
Infeed: Supply	230 V AC (main supply voltage to be dimmed) from the base module Pluggable flat cable on the front panel	
Outputs:	2, separate 0 – 230V AC, max. 250V A each R, L, C load (self-recognition)	
Accessories:	RM base module	



Extension module 2-part DALI actuator



The DALI output has two isolated output circuits. These are used as a master and control the maximum of 8 connected electronic ballasts via broadcast commands. Error feedback is possible for each output.

Type	Main supply connection	Part No.	Net price per unit
gegis RM-0/2DA		83.020.0410.0	
Infeed: Supply	230 V AC from the base module Pluggable flat cable on the front panel		
Outputs:	2, DALI as master max. 8 DALI EBs each (16mA) Commands as broadcast		
Accessories:	RM base module		

Extension module 4-part semiconductor output universal



The semiconductor output is used to control four isolated circuits, for example for electrothermal valves. As it is capable of switching 24V to 230V AC or DC, it is ideally suited to avoid planning mistakes.

Type	Part No.	Net price per unit
gegis RM-0/4 (HL)	83.020.0406.0	
Infeed: Supply	Switching voltage for the outputs from the base module Pluggable flat cable on the front panel	
Outputs:	4, semiconductor output 230V AC or 24V DC max. 0.5A per output	
Accessories:	RM base module	

Extension module 4-part semiconductor output AC



The semiconductor output is used to control four isolated circuits, for example for electrothermal valves. The switching voltage is 230V AC.

Type	Part No.	Net price per unit
gegis RM-0/4 HL AC	83.020.0411.0	
Infeed: Supply	Switching voltage for the outputs from the base module Pluggable flat cable on the front panel	
Outputs:	4, semiconductor output 230V AC or DC max. 0.5A per output	
Accessories:	RM base module	

Extension module 4-part semiconductor output DC



The semiconductor output is used to control four isolated circuits, for example for electrothermal valves. The switching voltage is 24V DC.

Type	Main supply connection	Part No.	Net price per unit
gegis RM-0/4 HL DC		83.020.0412.0	
Infeed: Supply	Switching voltage for the outputs from the base module Pluggable flat cable on the front panel		
Outputs:	4, potential-free contacts 24 V DC, max. 0.5A per output		
Accessories:	RM base module		