



S+S REGELTECHNIK

# RYMASKON® 1000 RYMASKON® 2000/3000






BUS-CAPABLE ROOM CONTROL UNITS –  
THE PERFECT SOLUTION FOR  
INTELLIGENT INDIVIDUAL ROOM CONTROL









PRODUCT RANGE 2024



FÜHLBARE PRÄZISION


<b>RYMASKON® 130x</b>		<b>Interface (basic models)</b> Room control units for temperature adjustment					
Type / WG02	Communi- cation	Measuring element	Control system	Colour / Housing	Display	Item no.	Price
<b>RYMASKON® 130x MOD</b>				<b>Iduna 3</b>			
RYM 1301-RH-MOD	Modbus	T   RH	T   -   R	white		RYM1-3011-M210-000	<b>211,65 €</b>
RYM 1302-RH-MOD	Modbus	T   RH	T   -   R	black		RYM1-3021-M210-000	<b>211,65 €</b>
<b>RYMASKON® 130x WMOD</b>				<b>Iduna 3</b>			
RYM 1301-RH-WMOD	W-Modbus	T   RH	T   -   R	white		RYM1-3011-W210-000	<b>291,65 €</b>
RYM 1302-RH-WMOD	W-Modbus	T   RH	T   -   R	black		RYM1-3021-W210-000	<b>291,65 €</b>



<b>RYMASKON® 140x</b>		<b>Interface (basic models)</b> Room control units for temperature and fan adjustment					 
Type / WG02	Communi- cation	Measuring element	Control system	Colour / Housing	Display	Item no.	Price
<b>RYMASKON® 140x MOD</b>				<b>Iduna 3</b>			
RYM 1401-RH-MOD	Modbus	T   RH	T   F   R	white		RYM1-4011-M210-000	<b>211,65 €</b>
RYM 1402-RH-MOD	Modbus	T   RH	T   F   R	black		RYM1-4021-M210-000	<b>211,65 €</b>
<b>RYMASKON® 140x WMOD</b>				<b>Iduna 3</b>			
RYM 1401-RH-WMOD	W-Modbus	T   RH	T   F   R	white		RYM1-4011-W210-000	<b>291,65 €</b>
RYM 1402-RH-WMOD	W-Modbus	T   RH	T   F   R	black		RYM1-4021-W210-000	<b>291,65 €</b>
Measuring element / control system:	T = Temperature sensor (basic equipment) RH = Humidity sensor		T = Temperature F = Fan R = Room occupancy				

<b>OPTIONS</b>			
Measuring elements:	<b>CO2</b> = CO2 sensor	Extra charge	<b>123,60 €</b>
	<b>VOC</b> = VOC sensor	Extra charge	<b>120,51 €</b>
Control:	<b>B / L</b> Buttons for sun protection and/or light	on request	
Communication:	without Modbus	on request	
Optional:	<b>More type versions available upon request!</b>		

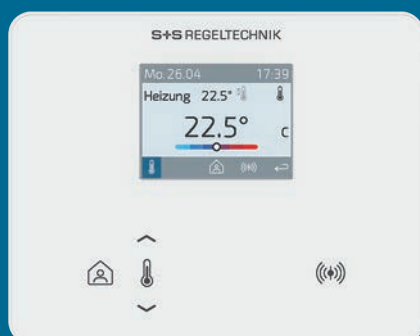
## HIGHLIGHTS 1000

- 2,0" TFT display (320x240x3 RGB pixels) with LED backlighting, high contrast, 85° viewing angle
- 10 capacitive keys (freely configurable) alternatively with adjusting wheels (available upon request)
- 2 housing sizes available (92 x 82 mm and 110 x 88 mm)
- Integrated sensor technology (temperature, humidity, CO2, VOC) with limit value monitoring
- Control of temperature, fan, sun protection (max. 2 circuits) and lighting with dimming function
- Bus capable communication (Modbus, BACnet, KNX) or active outputs (0-10 V)
- **RYMASKON® 1000 Interface**  
Device type for controlling heating, cooling, fans via the Modbus
- **RYMASKON® 1000 Controller**  
Device type for direct control for heating convectors and fan coils, with continuous output (0-10 V) or with 2-point or 3-point regulation (relay) for 2-pipe and 4-pipe systems
- Other configuration options see number key (catalogue) or on request

RYMASKON® 13xx C		Controller (basic model) for heating convectors (HC) for temperature adjustment						
Type / WG02 Control outputs	Communication	Measuring element	Control system	Colour / Housing	Display	Item no.	Price	
<b>[1] 2 RO (heating, cooling, 230 V AC, max. 500 mA) + 1 AO (6-way valve, 0-10 V)</b>								
RYMASKON® 131x C				Iduna 3				
RYM 1311C-RH-WMOD	W-Modbus	T   RH	T   -   R	white	■	RYM1-3111-W220-000	306,51 €	
RYM 1312C-RH-WMOD	W-Modbus	T   RH	T   -   R	black	■	RYM1-3121-W220-000	306,51 €	
<b>[2] 3 AO (heating, cooling, 6-way valve, 0-10 V)</b>								
RYMASKON® 132x C				Iduna 3				
RYM 1321C-RH-MOD	Modbus	T   RH	T   -   R	white	■	RYM1-3211-M210-000	226,51 €	
RYM 1322C-RH-MOD	Modbus	T   RH	T   -   R	black	■	RYM1-3221-M210-000	226,51 €	
RYM 1321C-RH-WMOD	W-Modbus	T   RH	T   -   R	white	■	RYM1-3211-W210-000	306,51 €	
RYM 1322C-RH-WMOD	W-Modbus	T   RH	T   -   R	black	■	RYM1-3221-W210-000	306,51 €	
<b>[3] 2 AO (heating, cooling, 0-10 V) + 2 DO (heating, cooling, 24 V, max. 1 A resistive load)</b>								
RYMASKON® 136x C				Iduna 3				
RYM 1361C-RH-MOD	Modbus	T   RH	T   -   R	white	■	RYM1-3611-M210-000	226,51 €	
RYM 1362C-RH-MOD	Modbus	T   RH	T   -   R	black	■	RYM1-3621-M210-000	226,51 €	
RYM 1361C-RH-WMOD	W-Modbus	T   RH	T   -   R	white	■	RYM1-3611-W210-000	306,51 €	
RYM 1362C-RH-WMOD	W-Modbus	T   RH	T   -   R	black	■	RYM1-3621-W210-000	306,51 €	

RYMASKON® 14xx C		Controller (basic models) for FAN COILS for temperature and fan adjustment					 	
Type / WG02 Control outputs	Communication	Measuring element	Control system	Colour / Housing	Display	Item no.	Price	
<b>[4] 3 AO (heating, cooling 6-way valve, EC fan, 0-10 V)</b>								
RYMASKON® 143x C				Iduna 3				
RYM 1431C-RH-MOD	Modbus	T   RH	T   F   R	white	■	RYM1-4311-M210-000	226,51 €	
RYM 1432C-RH-MOD	Modbus	T   RH	T   F   R	black	■	RYM1-4321-M210-000	226,51 €	
RYM 1431C-RH-WMOD	W-Modbus	T   RH	T   F   R	white	■	RYM1-4311-W210-000	306,51 €	
RYM 1432C-RH-WMOD	W-Modbus	T   RH	T   F   R	black	■	RYM1-4321-W210-000	306,51 €	
<b>[5] 5 RO (heating, cooling, 230 V AC, max. 500 mA   3-level fan, 230 V AC, max. 3 A)</b>								
RYMASKON® 144x C				Iduna 3				
RYM 1441C-RH-WMOD	W-Modbus	T   RH	T   F   R	white	■	RYM1-4411-W220-000	306,51 €	
RYM 1442C-RH-WMOD	W-Modbus	T   RH	T   F   R	black	■	RYM1-4421-W220-000	306,51 €	
<b>[6] 2 RO (heating, cooling, 230 V AC, max. 500 mA) + 1 AO (EC fan, 0-10 V)</b>								
RYMASKON® 145x C				Iduna 3				
RYM 1451C-RH-WMOD	W-Modbus	T   RH	T   F   R	white	■	RYM1-4511-W220-000	306,51 €	
RYM 1452C-RH-WMOD	W-Modbus	T   RH	T   F   R	black	■	RYM1-4521-W220-000	306,51 €	
<b>[7] 2 AO (heating, cooling, EC fan, 0-10 V) + 2 DO (heating, cooling, 24 V, max. 1 A resistive load)</b>								
RYMASKON® 146x C				Iduna 3				
RYM 1461C-RH-MOD	Modbus	T   RH	T   F   R	white	■	RYM1-4611-M210-000	226,51 €	
RYM 1462C-RH-MOD	Modbus	T   RH	T   F   R	black	■	RYM1-4621-M210-000	226,51 €	
RYM 1461C-RH-WMOD	W-Modbus	T   RH	T   F   R	white	■	RYM1-4611-W210-000	306,51 €	
RYM 1462C-RH-WMOD	W-Modbus	T   RH	T   F   R	black	■	RYM1-4621-W210-000	306,51 €	

Type 1301



Type 1402



Version with lights and sun protection



NEW

**RYMASKON® 1000**

**RYMASKON® 2000 / 3000**

## The perfect solution for intelligent individual room control

For the extended product family of modern individual room control units **RYMASKON® 1000 / 2000 / 3000**, we have developed our new Iduna housing series. In a timeless look with high-quality surfaces in white and black.

The graphic **design** with international symbols and multiple languages offers the perfect solution for all visible areas in the building. Intuitive operation is via touch keys or touch screen.

High-contrast **colour displays** with strong LED backlighting allow effortless reading up to a viewing angle of 85°, even under unfavourable conditions, such as strong solar irradiation.

It also **saves power** with features such as automatic brightness adjustment, stand-by mode or wake-up function using hand gestures.

The room climate can be monitored in up to 5 zones via the integrated **sensor**



### INTEGRATED SENSOR TECHNOLOGY



### INTUITIVE CONTROL

**technology.** The ability to detect open windows and a programmable reset function round out the features, which include the control of temperature, fan, sun protection and lighting. In this way, buildings can be operated in an **energy-optimised** and **environmentally-friendly** manner.

Interface and controller variants are available with a wide range of technical options. Optionally with communication interface (Modbus, BACnet, KNX) or with active outputs (0-10 V).

Further **information** on the new **RYMASKON** unit series can be found on the following pages.

## RYMASKON® 1000

2.0" TFT display or LEDs,  
touch keys (Iduna 3 housing)

## RYMASKON® 2000 / 3000

4.3" TFT touch display (Iduna 5 housing)  
5.0" TFT touch display (Iduna 6 housing)



S+S REGELTECHNIK



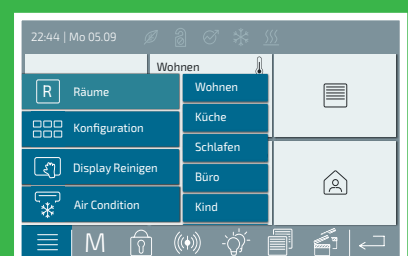
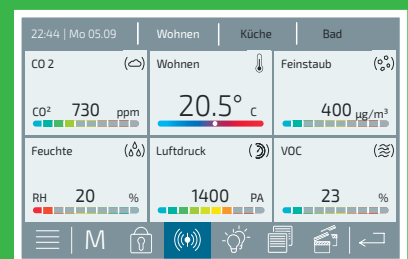
TOUCHKEYS



TOUCHPANEL

## S+S ADDED VALUE

- Timeless design in the elegant Iduna housing (white or black colour)
- Intuitive operation with modern graphics via touch keys or touch screen
- Integrated environment sensor technology enables energy-efficient room ventilation and a comfortable climate
- Power-saving and environmentally friendly thanks to features, such as automatic brightness adjustment and reset, stand-by, wake-up, time control, etc.
- Extensive room lighting control with dimming function and advanced colour settings
- Many standard languages for menu control (DE, EN, FR, ES, IT, RU, others available upon request)
- Quick and easy installation (push-in terminals) and mounting (on in-wall flush box or on-wall)
- Wide range of configuration options



**RYMASKON® 2000 C**

Controller (4.3"), for temperature adjustment on heating convectors (HC) and fan coils (FANCOIL)



Type / WG02 control outputs	Communication	Measuring elements / controller	Colour / Housing	Display	Item no.	Price
<b>[1] 3 AO (heating, cooling, 6-way valve, EC fan, 0-10 V)</b>						
<b>RYMASKON® 203x C MOD</b>		<b>T   F   R   B   L</b>	<b>Iduna 5</b>			
RYM 2031C-RH-MOD	Modbus	T   RH	white	■	RYM2-0311-M210-000	460,00 €
RYM 2032C-RH-MOD	Modbus	T   RH	black	■	RYM2-0321-M210-000	460,00 €
RYM 2031C-RH-CO2-MOD	Modbus	T   RH   CO2	white	■	RYM2-0311-M610-000	548,00 €
RYM 2032C-RH-CO2-MOD	Modbus	T   RH   CO2	black	■	RYM2-0321-M610-000	548,00 €
RYM 2031C-RH-CO2-VOC-MOD	Modbus	T   RH   CO2   VOC	white	■	RYM2-0311-M810-000	627,00 €
RYM 2032C-RH-CO2-VOC-MOD	Modbus	T   RH   CO2   VOC	black	■	RYM2-0321-M810-000	627,00 €
<b>RYMASKON® 203x C WMOD</b>		<b>T   F   R   B   L</b>	<b>Iduna 5</b>			
RYM 2031C-RH-WMOD	W-Modbus	T   RH	white	■	RYM2-0311-W210-000	540,00 €
RYM 2032C-RH-WMOD	W-Modbus	T   RH	black	■	RYM2-0321-W210-000	540,00 €
RYM 2031C-RH-CO2-WMOD	W-Modbus	T   RH   CO2	white	■	RYM2-0311-W610-000	628,00 €
RYM 2032C-RH-CO2-WMOD	W-Modbus	T   RH   CO2	black	■	RYM2-0321-W610-000	628,00 €
RYM 2031C-RH-CO2-VOC-WMOD	W-Modbus	T   RH   CO2   VOC	white	■	RYM2-0311-W810-000	707,00 €
RYM 2032C-RH-CO2-VOC-WMOD	W-Modbus	T   RH   CO2   VOC	black	■	RYM2-0321-W810-000	707,00 €
<b>[2] 2 AO (heating, cooling, EC fan, 0-10 V) + 2 DO (heating, cooling, 24 V, max. 1 A resistive load)</b>						
<b>RYMASKON® 206x C MOD</b>		<b>T   F   R   B   L</b>	<b>Iduna 5</b>			
RYM 2061C-RH-MOD	Modbus	T   RH	white	■	RYM2-0611-M210-000	460,00 €
RYM 2062C-RH-MOD	Modbus	T   RH	black	■	RYM2-0621-M210-000	460,00 €
RYM 2061C-RH-CO2-MOD	Modbus	T   RH   CO2	white	■	RYM2-0611-M610-000	548,00 €
RYM 2062C-RH-CO2-MOD	Modbus	T   RH   CO2	black	■	RYM2-0621-M610-000	548,00 €
RYM 2061C-RH-CO2-VOC-MOD	Modbus	T   RH   CO2   VOC	white	■	RYM2-0611-M810-000	627,00 €
RYM 2062C-RH-CO2-VOC-MOD	Modbus	T   RH   CO2   VOC	black	■	RYM2-0621-M810-000	627,00 €
<b>RYMASKON® 206x C WMOD</b>		<b>T   F   R   B   L</b>	<b>Iduna 5</b>			
RYM 2061C-RH-WMOD	W-Modbus	T   RH	white	■	RYM2-0611-W210-000	540,00 €
RYM 2062C-RH-WMOD	W-Modbus	T   RH	black	■	RYM2-0621-W210-000	540,00 €
RYM 2061C-RH-CO2-WMOD	W-Modbus	T   RH   CO2	white	■	RYM2-0611-W610-000	628,00 €
RYM 2062C-RH-CO2-WMOD	W-Modbus	T   RH   CO2	black	■	RYM2-0621-W610-000	628,00 €
RYM 2061C-RH-CO2-VOC-WMOD	W-Modbus	T   RH   CO2   VOC	white	■	RYM2-0611-W810-000	707,00 €
RYM 2062C-RH-CO2-VOC-WMOD	W-Modbus	T   RH   CO2   VOC	black	■	RYM2-0621-W810-000	707,00 €

## HIGHLIGHTS 2000

- 4.3" TFT display (800x480x3 RGB pixels) with LED backlighting, high contrast, 85° viewing angle
- High-performance Quad Core CPU with 1.5 GHz, 512 MB RAM and 4 GB memory
- Iduna 4 housing (approx. 129 x 88 mm)
- Integrated sensor technology (temperature, humidity, CO2, VOC) with limit value monitoring
- Control of temperature and ventilation
- Control of 4 circuits each for sun protection and lighting
- Freely configurable function icons (e.g. lighting or sun protection)
- 8 scenes with start and end time (e.g. meeting, cinema, holiday, etc.)
- 'Please do not disturb' (e.g. in hotels, offices, practices)
- Bus capable communication (Modbus, BACnet, KNX) or active outputs (0-10 V)
- Controller unit type for heating convectors and fan coils, with continuous output (0-10 V) or with 2-point or 3-point regulation (relay) for 2-pipe and 4-pipe systems
- Other configuration options

## UPGRADE 3000

- 5.0" TFT display (800x480x3 RGB pixels)
- Iduna 5 housing (approx. 143 x 98 mm)
- Control of 20 circuits each for sun protection and lighting
- Additional multi-room control (up to 5 rooms)

## RYMASKON® 2000

### Interface (4.3")

Room control units with touch display

Type / WG02	Communi- cation	Measuring elements / controller	Colour / Housing	Display	Item no.	Price
<b>RYMASKON® 2000 MOD</b>		<b>T   F   R   B   L</b>	<b>Iduna 5</b>			
RYM 2001-RH-MOD	Modbus	T   RH	white	■	RYM2-0011-M210-000	435,00 €
RYM 2002-RH-MOD	Modbus	T   RH	black	■	RYM2-0021-M210-000	435,00 €
RYM 2001-RH-CO2-MOD	Modbus	T   RH   CO2	white	■	RYM2-0011-M610-000	523,00 €
RYM 2002-RH-CO2-MOD	Modbus	T   RH   CO2	black	■	RYM2-0021-M610-000	523,00 €
RYM 2001-RH-CO2-VOC-MOD	Modbus	T   RH   CO2   VOC	white	■	RYM2-0011-M810-000	602,00 €
RYM 2002-RH-CO2-VOC-MOD	Modbus	T   RH   CO2   VOC	black	■	RYM2-0021-M810-000	602,00 €
<b>RYMASKON® 2000 WMOD</b>		<b>T   F   R   B   L</b>	<b>Iduna 5</b>			
RYM 2001-RH-WMOD	W-Modbus	T   RH	white	■	RYM2-0011-W210-000	515,00 €
RYM 2002-RH-WMOD	W-Modbus	T   RH	black	■	RYM2-0021-W210-000	515,00 €
RYM 2001-RH-CO2-WMOD	W-Modbus	T   RH   CO2	white	■	RYM2-0011-W610-000	603,00 €
RYM 2002-RH-CO2-WMOD	W-Modbus	T   RH   CO2	black	■	RYM2-0021-W610-000	603,00 €
RYM 2001-RH-CO2-VOC-WMOD	W-Modbus	T   RH   CO2   VOC	white	■	RYM2-0011-W810-000	682,00 €
RYM 2002-RH-CO2-VOC-WMOD	W-Modbus	T   RH   CO2   VOC	black	■	RYM2-0021-W810-000	682,00 €

## RYMASKON® 3000

### Interface (5.0")

Room control units with touch display

Type / WG02	Communi- cation	Measuring elements / controller	Colour / Housing	Display	Item no.	Price
<b>RYMASKON® 3000 MOD</b>		<b>T   F   R   B   L</b>	<b>Iduna 6</b>			
RYM 3001-RH-MOD	Modbus	T   RH	white	■	RYM3-0011-M210-000	465,00 €
RYM 3002-RH-MOD	Modbus	T   RH	black	■	RYM3-0021-M210-000	465,00 €
RYM 3001-RH-CO2-MOD	Modbus	T   RH   CO2	white	■	RYM3-0011-M610-000	553,00 €
RYM 3002-RH-CO2-MOD	Modbus	T   RH   CO2	black	■	RYM3-0021-M610-000	553,00 €
RYM 3001-RH-CO2-VOC-MOD	Modbus	T   RH   CO2   VOC	white	■	RYM3-0011-M810-000	632,00 €
RYM 3002-RH-CO2-VOC-MOD	Modbus	T   RH   CO2   VOC	black	■	RYM3-0021-M810-000	632,00 €
<b>RYMASKON® 3000 WMOD</b>		<b>T   F   R   B   L</b>	<b>Iduna 6</b>			
RYM 3001-RH-WMOD	W-Modbus	T   RH	white	■	RYM3-0011-W210-000	545,00 €
RYM 3002-RH-WMOD	W-Modbus	T   RH	black	■	RYM3-0021-W210-000	545,00 €
RYM 3001-RH-CO2-WMOD	W-Modbus	T   RH   CO2	white	■	RYM3-0011-W610-000	633,00 €
RYM 3002-RH-CO2-WMOD	W-Modbus	T   RH   CO2	black	■	RYM3-0021-W610-000	633,00 €
RYM 3001-RH-CO2-VOC-WMOD	W-Modbus	T   RH   CO2   VOC	white	■	RYM3-0011-W810-000	712,00 €
RYM 3002-RH-CO2-VOC-WMOD	W-Modbus	T   RH   CO2   VOC	black	■	RYM3-0021-W810-000	712,00 €

## OPTIONS

Equipment:

measuring elements  
(sensors)

T = temperature [°C/°F]  
RH = relative humidity [%]  
CO2 = carbon dioxide [ppm]  
VOC = air quality [%]

Controller

T = temperature  
F = fan  
R = room occupancy  
B = sun protection (blind)  
L = light

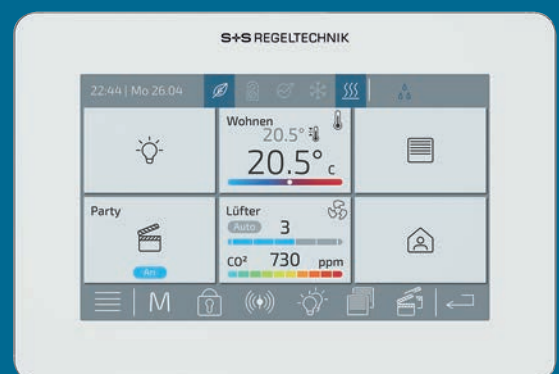
Type versions:

Combined measuring elements **T | RH | VOC** on request  
On-wall housing on request

Type 3001

Type 2001

Type 2002





S+S REGELTECHNIK



The new S+S company headquarters on a total area of 14,000m<sup>2</sup> in Nordostpark on the outskirts of Nuremberg offers a seamlessly integrated production and development environment with excellent air and road links.

S+S stands for a fully integral value chain. All products are designed, developed, manufactured and programmed in-house.

Development, manufacturing and sales in Nuremberg are certified by TÜV Thüringen according to DIN EN ISO 9001:2015 (quality management) and DIN EN ISO 14001:2015 (environmental management).

All devices are function tested as well as calibrated in-house prior to shipment and meet strict safety, quality and sustainability standards.



S+S REGELTECHNIK GMBH  
THURN-UND-TAXIS-STR. 22  
90411 NUREMBERG / GERMANY

PHONE +49 (0) 911 / 5 19 47-0

mail@SplusS.de

www.SplusS.de

Prices by S+S are understood plus legal value added tax at the respective rate in effect. All information provided without prejudice, technical modifications and price changes reserved. Reprints, even excerpts, are only permitted with the approval of S+S Regeltechnik GmbH.

You can find technical data and further information in our catalogue or web shop.



Order conveniently online: [www.SplusS.de](http://www.SplusS.de)