

# One system for all types of applications

## Synco operating – efficient operation of plant with straightforward remote control

Thanks to Synco's Web server, plant operation and monitoring can be effected from a PC or smartphone at any time and from any location. An alarm system delivers fault status or maintenance messages in due time, also via SMS or e-mail, if required. The app allows your customers operation from underway or from the sofa.

## Synco tool – support functions for quick commissioning

To facilitate commissioning, the Synco tool offers you a host of help functions and choices: Diagnostics including trending, for example, straightforward fault tracing thanks to access to all data points of all controllers, saving all settings on the PC, or printing commissioning reports.

## Simple concept for opening communication

With Synco, opening and starting communication is child's play: Simply interconnect the units, activate the bus power supply on the controller and set the device address. All relevant settings can be made directly via local operation.

## Open data exchange via KNX standard bus, irrespective of supplier

The KNX standard bus facilitates interconnections of HVAC, lighting and blind control, for instance, regardless of the supplier – for simultaneous control of the ventilation system and of lighting via presence detectors, for example.

### Synco tool

For commissioning and diagnostics



PC with ACS software



Control and switching unit for heating, ventilation and air conditioning plants



Synco 700

### Universal controllers

<b>RMU710</b>	modular universal controller, 1 control loop
<b>RMU720</b>	modular universal controller, 2 control loops
<b>RMU730</b>	modular universal controller, 3 control loops
<b>RMS705</b>	switching and monitoring device

### Universal extension modules (for all types of controllers)

<b>RMZ785</b>	universal module
<b>RMZ787</b>	universal module
<b>RMZ788</b>	universal module

### Operator units (for all types of controllers)

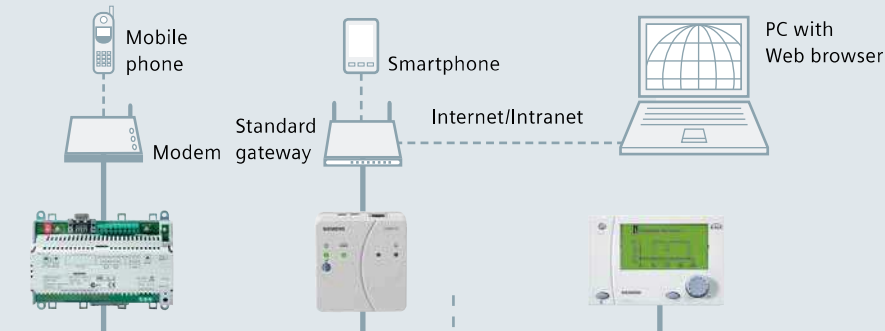
<b>RMZ790</b>	plug-in type operator unit
<b>RMZ791</b>	detached operator unit (3 m)
<b>RMZ792</b>	bus operator unit

### Field devices

<b>GDB181.1E/KN</b>	VAV compact controller (5 Nm)
<b>GLB181.1E/KN</b>	VAV compact controller (10 Nm)

## Synco operating

Efficient operation of plant including alarm reporting



The world's only open standard for home and building control – ISO/IEC 14543-3



Control and switching unit for heating, ventilation and air conditioning plants



Central control unit and room controller for individual room climate



## Synco RXB/RXL room controllers, Synco RDG/RDF/RDU room thermostats

### Heating controllers

- RMH760** modular heating controller
- RMK770** boiler sequence controller

### Extension modules for heating controllers

- RMZ782** heating circuit module
- RMZ783** DHW module
- RMZ787** universal module
- RMZ789** universal module

### Room unit

- QAW740** room unit

### Synco operating

- OZW771** central communication unit
- OZW772** Web server (Ethernet)

### Synco tool

- OCI700.1** service tool
- ACS790** commissioning software

### Central control unit

- RMB795**  
– Central control unit for room controllers

### Room controllers

- RXB21.1, RXL21.1, RXB22.1, RXL22.1, RXB39.1, RXL39.1**  
– Fan coil units
- RXB24.1, RXL24.1**  
– Chilled ceiling or radiator

### Room thermostats

- RDG100KN**  
– Fan coil units  
– Universal system, chilled/heated ceiling and radiator
- RDG400KN**  
– Variable air volume system
- RDF301, RDF301.50**  
– Fan coil units  
– Heat pump systems  
– Semi flush mount
- RDU341**  
– Variable air volume system  
– Semi flush mount