



85050100



**KNX radio/TP gateway surface-mounted with integral bus coupling unit, Electronics platform, polar white matt**

Technical features

**Controls and indicators**

- status indication using 2-digit red LED display

**Connectivity**

|   |               |
|---|---------------|
| Radio protocol                                      | KNX Radio     |
| Receiver category                                   | 2             |
| Model System interface/media gateway for bus system | Media coupler |

**Voltage**

|                            |         |
|----------------------------|---------|
| Operating voltage          | 30 V    |
| Operating voltage over bus | 30 V DC |

**Frequency**

|  |           |
|--|-----------|
| Radio transmission/reception frequency | 868,3 MHz |
|--|-----------|

**Power**

|                          |         |
|--------------------------|---------|
| Radio transmission power | < 25 mW |
|--------------------------|---------|

**Measurement**

|  |                                 |
|--|---------------------------------|
| Relative humidity (without condensation) | 0...65 % (without condensation) |
|--|---------------------------------|

**Materials**

|                                    |             |
|------------------------------------|-------------|
| Colour of design line              | polar white |
| Colour independent of design lines | polar white |
| Surface appearance                 | matt        |

**Dimensions**

|        |         |
|--------|---------|
| Depth  | 26,5 mm |
| Height | 203 mm  |
| Width  | 77 mm   |

**Connection**

|  |                 |
|--|-----------------|
| Number of KNX radio device               | max. 256/system |
| Number of radio channel outputs          | max. 512        |
| - bus connection via connecting terminal |                 |

**Settings**

- large scope of functions of the KNX radio appliances through parameterisation with ETS

**Scope of delivery**

- With drilling template, fastening material, strain reliefs and connecting terminal

### Equipment

|                                |          |
|--------------------------------|----------|
| Number of radio channel inputs | max. 512 |
| Transmitter duty cycle         | 1 %      |

### Use

|  |                                 |
|--|---------------------------------|
| Differentiation characteristic 3 - Sales | with integral bus coupling unit |
|--|---------------------------------|

### Safety

|                     |      |
|---------------------|------|
| Protection index IP | IP30 |
|---------------------|------|

### Use conditions

|                                    |             |
|------------------------------------|-------------|
| Operating temperature              | 0...45 °C   |
| Storage/transport temperature      | -20...70 °C |
| - low intrinsic energy requirement |             |

### Identification

|                    |                          |
|--------------------|--------------------------|
| Application, usage | KNX radio - system units |
| Main design line   | Electronics platform     |

### Instructions

|                  |  |
|------------------|--|
| Information text | As programming interface: in purely KNX radio systems, the surface-mounted KNX radio/TP gateway can be removed after parameterisation., As line coupler for expansion of a KNX system with a KNX radio lead. |
|------------------|--|