



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. |
|------------------|--|