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coviva Smartbox Electronics platform

Technical features

Architecture

Fixing mode	surface-mounting
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Controls and indicators

With LED indication	yes
- status indication using 2-digit red LED display	

Connectivity

Bus system radio frequent	yes
Bus system LON	no
Bus system Powernet	no
Protocol	Other
Radio protocol	KNX Radio
Receiver category	2
Model System interface/media gateway for bus system	LAN-systems interface

Voltage

Operating voltage	230 V
Operating voltage over bus	30 V DC

Power

Radio transmission power	< 25 mW
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Measurement

Relative humidity (without condensation)	0...65 % (without condensation)
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Power supply

Operating voltage via power supply	5 V DC
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Materials

Colour independent of design lines	polar white
Surface appearance	matt

Dimensions

Depth	26,5 mm
Height	203 mm
Width	77 mm

Connection

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	
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Scope of delivery

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

Equipment

Number of radio channel inputs	max. 512
Demounting protection	no
Radio interface	yes
IR interface	no
Provider dependent	yes
Transmitter duty cycle	1 %
Updateable	yes
Visualization	yes
Web-Server	yes

Safety

Protection index IP	IP30
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Use conditions

Operating temperature	0...45 °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.
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