



Subject to changes. Please also observe the further product documentation!

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Do you have any questions about our products?  
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## Item description

The **flexROOM**® Weather Distribution Box records and transmits weather data within a building automation network consisting of **flexROOM**® Office Distribution Boxes.

A **flexROOM**® Weather Distribution Box connects to a weather station or several sensors. The measured weather data are recorded via the digital and analog inputs of the distribution box and made available directly/prepared to other **flexROOM**® Office Distribution Boxes

In addition to weather data collection, the **flexROOM**® Weather Distribution Box also supports up to ten time switching channels, which are used to initiate switching processes and setpoint changes for lighting, shading and individual room control (heating, cooling) for **flexROOM**® Office Distribution Boxes.

Control is performed via "Application Controller BA," which is included in the **flexROOM**® Weather Distribution Box and preloaded with a **flexROOM**® Application.

Initial commissioning is performed via WAGOupload (IP address assignment via BootP server).

A standard Web browser performs both later configuration and communication with **flexROOM**® Office Distribution Boxes directly on the distribution box's controller.

For the connection of higher-level management stations, each **flexROOM**® Weather Distribution Box provides data in MODBUS tables, that can be read and partly be written by the stations. Configuration data of the **flexROOM**® Weather Distribution Boxes can cyclically be saved either directly on the included controller or on a separate computer.

The **flexROOM**® Distribution Box is equipped with WAGO WINSTA® Connection Technology.

## Data

### Technical data

Visualization	Web-Visu
Baud rate	10/100 Mbit/s
Transmission medium	Twisted Pair S-UTP; 100 Ω; Cat. 5; 100 m maximum cable length
Transmission performance	Class D per EN 50173
Power supply	230 VAC, 50 ... 60 Hz
Standards/specifications (pending)	DIN EN 61439-1/2:2009

### Connection data

Connection technology: communication/fieldbus	EtherNet/IP™: 2 x RJ-45; Modbus (TCP, UDP): 2 x RJ-45
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## Physical data

Width	350 mm
Height from upper-edge of DIN-rail	140 mm
Depth	250 mm

## Mechanical Data

Mounting type	Wall, screw mount
Mounting (note)	Interior area, e.g., raised floor, suspended ceiling

## Material Data

Fire load	18.06 MJ
Weight	6396 g

## Environmental requirements

Ambient temperature (operation)	-5 ... +45 °C
Ambient temperature (storage)	-20 ... +70 °C

## Commercial data

Product Group	28 (System Distribution Boxes)
eCl@ss 10.0	27-44-06-03
eCl@ss 9.0	27-44-06-03
ETIM 8.0	EC002567
ETIM 7.0	EC002567
PU (SPU)	1 pcs
Packaging type	unpacked

## Environmental Product Compliance

CAS-No.	12060-00-3 1303-86-2 1317-36-8 693-98-1 7439-92-1 79-94-7
REACH Candidate List Substance	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol 2-methylimidazole Diboron trioxide

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	Lead Lead monoxide Lead titanium oxide (PbTiO3)
RoHS Exemption	6(c) 7(a) 7(c)-I 7(c)-II 7a
SCIP notification number (Bulgaria)	54847458-7772-4ef7-806e-2f2a4e2dc04f
SCIP notification number (Czech Republic)	5529530c-5a3c-4942-9e83-27b72a148fbe

## Downloads

### Documentation

#### Additional Information

Disposal and Recycling Electrical and electronic equipment, Batteries, Packaging	V 1.1.0 2022 Aug 18	pdf 2.2 MB	Download
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## Application Notes

### Application Note CoDeSys 2.3

Application Note flexROOM <sup>®</sup> Weather Decoder	2015 Aug 7	ZIP 1.1 MB	Download
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This Application Note explains how the flexROOM<sup>®</sup> Weather application can be integrated into a project in which no flexROOM<sup>®</sup> Office distribution boxes are used.

## Installation Notes

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