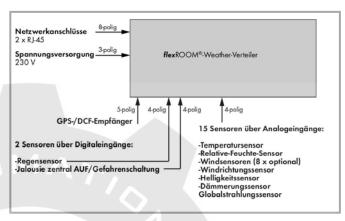
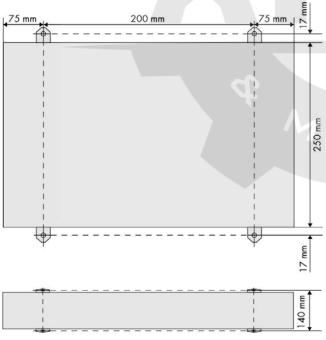
Weather Distribution box

www.wago.com/2854-9001











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

WAGO Corporation Germantown, WI 53022

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### Item description

The **flex**ROOM<sup>®</sup> Weather Distribution Box records and transmits weather data within a building automation network consisting of **flex**ROOM<sup>®</sup> Office Distribution Boxes.

A **flex**ROOM 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 **flex**ROOM 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 controler.

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

The **flex**ROOM Distribution Box is equipped with WAGO WINSTA Connection Technology.

#### Data

#### Technical data

Visualization		Web Visu
Baud rate		10/100 Mbit/s
Transmission medium	/ A	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

#### Connection data

Connection technology: communication/fieldbus EtherNet/IP<sup>TM</sup>: 2 x RJ-45; Modbus TCP/UDP: 2 x RJ-45

#### Physical data

Width 350 mm

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

#### Mechanical data

Mounting type Wall, screw mount

## Material data

Fire load	18.985 MJ
Weight	<b>6396</b> g

## **Environmental requirements**

Surrounding air temperature (operation)	-5 45 °C	
Surrounding air temperature (storage)	-20 70 °C	

#### Commercial data

Packaging type	not packed
Customs tariff number	8537109170

# Downloads Documentation

## Manual

flexROOM®-Weather-Verteiler	V 1.0.2	pdf 1.2 MB	Download
flexROOM®-Weather-Applikation efficient. individual. simple.	V 1.0.1	pdf 6.6 MB	Download
Quick-Start Guide			
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Additional Information			
Disposal; Electrical and electronic equipment, Packaging	V 1.0.0	pdf 265.8 kB	Download
Compatibility Information			
VDI3813-Liste flexROOM-Weather-Verteiler 2854-9001		zip 39.3 kB	Download
Application Notes Application Note CoDeSys 2.3			
Application Note flexROOM® Weather Decoder	Aug 7, 2015	ZIP 1.1 MB	Download
This Application Note explains how the flexROOM® Weather application	can be	1.1 WID	
integrated into a project in which no flexROOM® Office distribution boxe	s are used.		
CAD files			
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#### **Installation Notes**



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