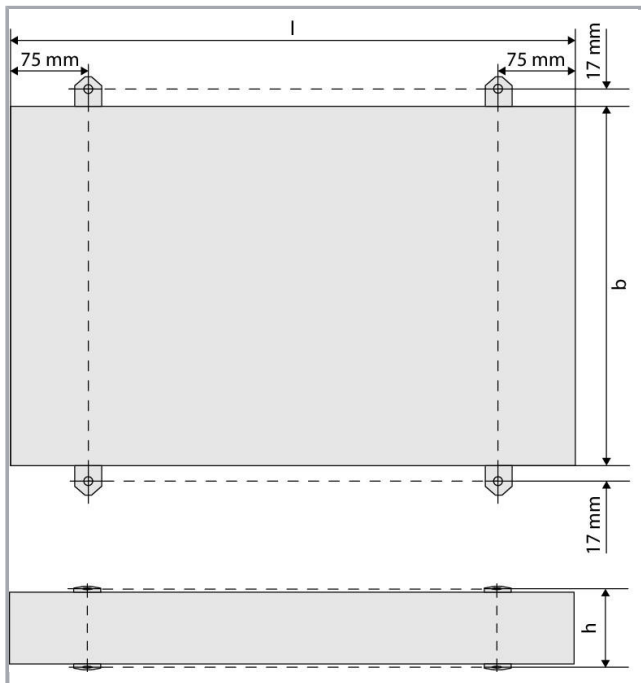


Subject to changes. Please also observe the further product documentation!

WAGO Kontakttechnik GmbH & Co. KG
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 32423 Minden
 Phone: +49571 887-0 | Fax: +49571 887-169
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Do you have any questions about our products?
 We are always happy to take your call at +49 (571) 887-44222.



Item description

The **flexROOM**[®] Office Distribution Boxes support the automation of both commercial and functional buildings (offices) with floor plans based on a room axis concept. The boxes automate both lighting and sun protection, while performing single-room control (heating/cooling) for up to 24 room axes. In addition to the room axes, special areas (e.g., stairways, corridors, sanitary facilities) may be automated via specialty **flexROOM**[®] Distribution Boxes.

Control is performed via WAGO 750-884 Application Controller, which is included in the **flexROOM**[®] Distribution Box and preloaded with a **flexROOM**[®] Office Application. Initial commissioning (IP address assignment via BootP server) can be performed via WAGOupload PC software.

A standard Web browser performs both initial room axis configuration and later reconfiguration directly on the distribution box's controller.

Several **flexROOM**[®] Distribution Boxes can be combined into a network via ETHERNET. A standard Web browser also establishes communication between the distribution boxes. A **flexROOM**[®] Distribution Box for weather stations can transmit weather data (e.g., outside temperature or wind alarms) to other **flexROOM**[®] Distribution Boxes for further processing.

For the connection of higher-level management stations, each **flexROOM**[®] Distribution Box provides data in MODBUS tables, that can be read and partly be written by the stations. Configuration data of the **flexROOM**[®] 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. The **flexROOM**[®] Distribution Boxes differ from each other in the number of room axes, the support of specialty application areas, various functions depending on the inputs and outputs used.

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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 |
| Load switching voltage range | Sunblind drives: ±10 %; Lighting (DALI): ±10 %; Lighting (relays): ±10 % |
| Switching power | Sunblind drives: 300 W (AC3); Lighting (DALI): 3600 VA in total; Heating/cooling valves: 6 W (temporary), 3 W (average); Lighting (relays): 3600 VA in total with DALI lighting fixtures |
| Power supply | 230 VAC, 50 ... 60 Hz |

Connection data

| | |
|---|---|
| Connection technology: communication/fieldbus | EtherNet/IP: 2 x RJ-45; Modbus TCP/UDP: 2 x RJ-45 |
|---|---|

Geometrical Data

| | |
|---------------------------------------|----------------------|
| Width | 500 mm / 19.685 inch |
| Height from upper-edge of DIN-35 rail | 140 mm / 5.512 inch |
| Depth | 750 mm / 29.528 inch |

Mechanical data

| | |
|------------------|-------------------|
| Type of mounting | Wall, screw mount |
|------------------|-------------------|

Environmental Requirements

| | |
|---|---------------|
| Surrounding air (operating) temperature | -5 ... 45 °C |
| Surrounding air (storage) temperature | -20 ... 70 °C |

Commercial data

| | |
|----------------|-----|
| Packaging type | BOX |
|----------------|-----|

Counterpart

Downloads

Documentation

Manual

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|--|---------|---------------|----------|
| flexROOM®-Office-Verteiler T3 A24 Typ 3, 24 Achsen, ohne Sonderbereiche | V 1.0.2 | pdf 1.9 MB | Download |
|--|---------|---------------|----------|

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|--|---------|----------------|----------|
| flexROOM®-Office-Applikation Zur Konfiguration von Systemverteilern, die einen Applikationscontroller 750-884 enthalten | V 1.0.2 | pdf 10.0 MB | Download |
|--|---------|----------------|----------|

Quick-Start Guide

| | | | |
|--|--|-----------------|----------|
| flexROOM Office-Verteiler Zubehörliste | | pdf 165.7 kB | Download |
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|---|--|---------------|----------|
| Schema für flexROOM®-Office-Verteiler 2854-0300/1024-0002 | | pdf 1.3 MB | Download |
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| Schnellstartanleitung flexROOM | | pdf 479.3 kB | Download |
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Bid Text

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Additional Information

| | | | |
|--|---------|-----------------|----------|
| Disposal; Electrical and electronic equipment, Packaging | V 1.0.0 | pdf 265.8 kB | Download |
|--|---------|-----------------|----------|

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|--|--|---------------|----------|
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|---|--|----------------|----------|
| Planungsbeispiel für flexROOM®-Office-Verteiler | | pdf 96.8 kB | Download |
|---|--|----------------|----------|

Compatibility Information

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|---|--|----------------|----------|
| VDI3813-Liste flexROOM-Office-Verteiler 2854-0300/1024-0002 | | zip 46.9 kB | Download |
|---|--|----------------|----------|

Engineering-Software

Configuration and Commissioning Software

| | | | |
|---|--------------|--------|----------|
| WAGO flexROOM-Auswahltool | 1.1 | zip | Download |
| Excel-Hilfstool für die Auswahl von flexROOM® | Oct 12, 2012 | 9.3 MB | |

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CAD/CAE-Data

CAE data

WSCAD Universe 2854-300/1024-002

URL

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Installation Notes

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