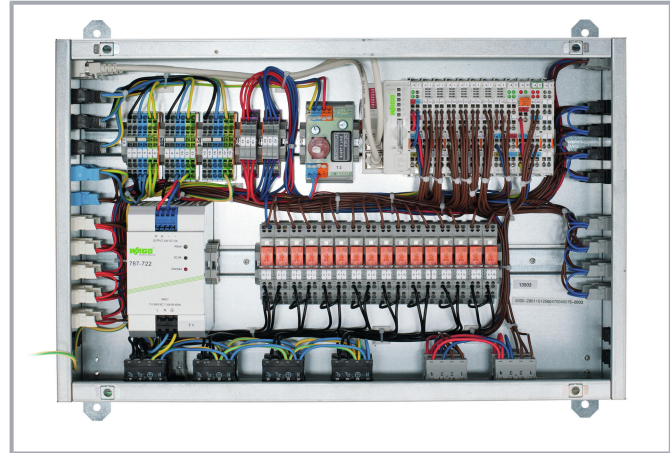


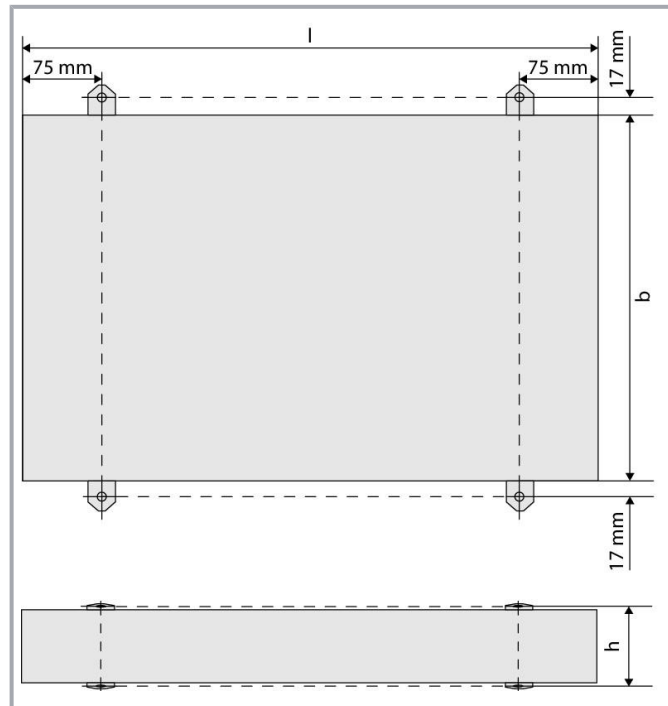
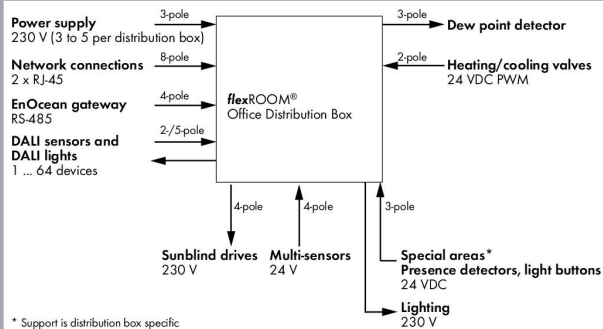
Data sheet | Item number: 2854-300/1008-8002

Office distribution box; Type 3; 8 axes; with specialty areas

www.wago.com/2854-300/1008-8002



i Picture differs from the item.



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

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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.

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
Switching current	Sunblind drives: 1.5 A at 230 VAC; Lighting (DALI): 16 A (max.) in total; Heating/cooling valves: 250 mA; Lighting (relays): 16 A (max.) in total with DALI lighting fixtures
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
Short-circuit-protected	No

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



Connection data

Connection technology: communication/fieldbus	EtherNet/IP™: 2 x RJ-45; Modbus TCP/UDP: 2 x RJ-45
Connection technology: supply	1 x 3-pole snap-in plugs (WAGO Item 770-713)

Physical data

Width	500 mm / 19.685 inch
Height from upper-edge of DIN-rail	150 mm / 5.906 inch
Depth	650 mm / 25.591 inch

Mechanical data

Mounting type	Wall, screw mount
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Material data

Fire load	65.646 MJ
Weight	11584.4 g

Environmental requirements

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

Commercial data

PU (SPU)	1 Stück
Packaging type	box

Downloads

Documentation

Manual

flexROOM®-Office-Verteiler T3 A8 S Typ 3, 8 Achsen, mit Sonderbereichen	V 1.0.2	pdf 1.9 MB	Download
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

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Schnellstartanleitung flexROOM		pdf 479.3 kB	Download
Schema für flexROOM®-Office-Verteiler 2854-0300/1008-8002		pdf 1.2 MB	Download
flexROOM Office-Verteiler Zubehörliste		pdf 165.7 kB	Download

Bid Text

Ausschreibungstext flexROOM-Office-Verteiler 2854-0300/1008-8002		doc 31.2 kB	Download
Ausschreibungstexte zum Zubehör		zip 63.5 kB	Download
2854-0300/1008-8002 X81 - Datei	2014. 11. 20.	xml 5.1 kB	Download
2854-0300/1008-8002 doc - Datei	2014. 11. 20.	doc 32.3 kB	Download
Leittext_flexROOM-Office Verteiler 2-Rohr-System.doc		doc 38.9 kB	Download
Systemtext_flexROOM.doc		doc 46.1 kB	Download

Compatibility Information

VDI3813-Liste flexROOM-Office-Verteiler 2854-0300/1008-8002		zip 82.0 kB	Download
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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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Engineering-Software

Configuration and Commissioning Software

WAGO flexROOM-Auswahltool	1.1	zip	Download
Excel-Hilfstool für die Auswahl von flexROOM®	2012. 10. 12.	9.3 MB	

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CAD/CAE-Data

CAE data

WSCAD Universe 2854-300/1008-8002	URL	Download
WSCAD Universe 2854-300/1008-8002	URL	Download

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 2854-300/1008-8002	URL	Download
Office distribution box; Type 3; 8 axes; with specialty areas		

Installation Notes

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