Data Sheet | Item Number: 2757-1107

Home Dimmer; 1DI/1AO; Wi-Fi

https://www.wago.com/2757-1107





WAGO Home Dimmer – Matter® over Wi-Fi® | Smart Flush Mounted Wireless Module for Dimmable Lighting
Create the perfect lighting atmosphere in your smart home. The **WAGO Home Dimmer (Matter® over Wi-Fi®)** delivers precise, smooth dimming for a wide range of dimmable luminaires – from warm ambient lighting to softly dimmed evening light or targeted accent illumination.
Built on **Matter®**, the open smart home standard, the dimmer integrates seamlessly into all major smart home platforms.

Product Highlights
- **Matter® over Wi-Fi®** – Ideal for smart home systems without a Thread® border router
- **Smooth, continuous dimming** – For customized lighting moods and atmospheres
- **Certified safety** – VDE certified and developed in accordance with IEC 62443-4-1
- **Tool free wiring** – Push in CAGE CLAMP® and WAGO lever technology
- **Installer friendly setup** – Dimming curves can be preset via the Home Setup feature in the WAGO App
- **Broad compatibility** – Works with all common **Matter® enabled platforms**
- Perfect for new installations and retrofits

Product Description
With the **WAGO Home Dimmer**, lighting can be controlled intelligently, flexibly, and exactly to suit the desired atmosphere. The compact, flush mounted module is suitable for a wide range of standard dimmable luminaires – making it ideal for living rooms, bedrooms, hallways, or atmospheric zone lighting throughout the home.
This version uses **Wi-Fi®** as the wireless standard, making it especially suitable for smart home environments with **older Matter® controllers** that do not include **a Thread® border router**. As a result, the dimmer can be easily integrated into existing installations.

A key advantage:
Using the Home Setup feature in the WAGO App, electrical professionals can **define and preset the appropriate dimming curves before installation**. End users then simply import these settings into their smart home control center – quickly, cleanly, and without additional effort.

Maximum Security
The WAGO Home Dimmer meets the highest electrical and cybersecurity standards:
- **VDE-certified**
- Designed in accordance with **IEC 62443-4-1**
- Compliant with the European cybersecurity standard **EN 18031 (RED)**

This ensures reliable protection for the smart lighting system.

Maximum Simplicity
Installation is fast and completely tool free thanks to **Push-in CAGE CLAMP®** and **WAGO lever technology**.
The **WAGO App** simplifies commissioning for electricians via the Home Setup feature. Smart home users then conveniently import the prepared settings using the **WAGO Home Setup App.**

Notes

Safety Information	**Do not work when products are energized!** High voltage can cause electric shock or burns. Disconnect all power sources to the product prior to performing any installation, repair or maintenance work. **Observe the product documentation!** Before installation and operation, please read the product documentation thoroughly and carefully. In addition, note the information on the product housing. More specifi cations are available in the product datasheet and at www.wago.com/<item number>. **Only for qualifi ed electrical specialists!** The product must only be installed and put into operation by qualified electrical specialists per EN 50110 1/-2 and IEC 60364. Any stricter rules of local law shall take priority. **Observe instructions for disposal!** This product is subject to the provisions of the Waste Electrical and Electronic Equipment Directive. For more information about disposal, please visit www.wago.com.

Device data

Radio technology	Wi-Fi Certified 6® b/g/n (2.4 GHz)
Communication standards	Matter®
Function	Electronic dimmer
Control Elements	Reset button
Indicators	Status LED

Module supply

Voltage range	200 … 240 V ~; 45 … 65 Hz
Power loss P_l	< 0.5 W typ.

Inputs/outputs

Number of inputs	1 x Push-Button/Switch
Voltage range for signal (1)	200 … 240 VAC (digital input)
Number of outputs	1
Output current (per channel)	Load max.: 1 A
Output characteristic	Latching
Internal fuse	6.3 A

Connection Data

Connection technology	Push-in CAGE CLAMP®
Actuation type	Lever
Solid conductor	0.14 … 2.5 mm² / 26 … 14 AWG
Solid conductor; push-in termination	0.5 … 2.5 mm² / 22 … 14 AWG
Fine-stranded conductor	0.14 … 2.5 mm² / 26 … 14 AWG
Strip length	8 … 9 mm / 0.31 … 0.35 inches

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Physical data

Width	46 mm / 1.811 inches
Height	46 mm / 1.811 inches
Depth	22 mm / 0.866 inches

Mechanical data

Mounting type	The Product fits into a flush mounted box

Material data

Color	white
Housing material	Plastic
Conformity marking	CE

Environmental requirements

Ambient temperature (operation)	-5 … +35 °C
Ambient temperature (storage)	-25 … +75 °C
Relative humidity	15 … 85 % (without condensation)
Operating altitude	0 … 2000 m / 0 … 6562 ft
Protection type	IP00
Pollution degree	2
Protection	Overcurrent, Overtemperature

Data Act

Pre-contractual Information	Data-Act-INT-WAGO-Home-Automation

Commercial data

PU (SPU)	1 pcs
Packaging type	Box
Country of origin	DE
GTIN	4066966801934
Customs tariff number	85365080000

Product Classification

UNSPSC	39122206
ETIM 10.0	EC001588
ECCN	NO US CLASSIFICATION

Environmental Product Compliance

RoHS Compliance Status	Compliant,No Exemption

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Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 2757-1107

CAD/CAE-Data

CAD data

2D/3D Models 2757-1107