Data Sheet | Item Number: 2757-1108

Home Dimmer; 1DI/1AO; Thread

https://www.wago.com/2757-1108





WAGO Home Dimmer – Matter® over Thread® | Smart Flush Mounted Wireless Module for Dimmable Lighting

The **WAGO Home Dimmer (Matter® over Thread®)** delivers the perfect lighting atmosphere in smart homes – from soft ambient light to precise accent lighting. This compact, flush mounted module enables smooth, continuous dimming of many standard luminaires and integrates seamlessly into modern smart home platforms thanks to **Matter®**.

Powered by **Thread®**, the dimmer uses a particularly stable, low-latency, and energy-efficient wireless standard – ideal for smart home systems with a Thread® border router.

Product Highlights:

- **Matter® over Thread®** – Future ready and compatible with all major smart home systems
- **Smooth, continuous dimming** – For customized lighting moods and atmospheres
- **Thread® mesh network** – Stable, energy efficient, and fast
- **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
- Ideal for **new installations and retrofits**

Product Description

With the **WAGO Home Dimmer**, lighting can be controlled smartly, flexibly, and according to individual lighting preferences. The flush mounted module is suitable for many dimmable luminaires and is ideal for living rooms, bedrooms, hallways, kitchens, or atmospheric zone lighting throughout the home.

Thread® technology offers key advantages:

- Stable mesh networking
- Automatic range extension
- Low latency
- Highly energy efficient communication

This makes the dimmer ideal for modern smart home systems with a **Thread® border router**, allowing seamless integration without additional infrastructure.

A key advantage for installers:
Dimming curves can be configured before installation using the Home Setup feature in the WAGO App.
End users then simply import these settings into their smart home control center via the **WAGO Home Setup App.**

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 comprehensive protection for the smart lighting system.

Maximum Simplicity
Tool free conductor termination with **Push in CAGE CLAMP®** and WAGO lever technology ensures fast and secure installation.
Commissioning is intuitive, and the Home Setup feature in the **WAGO App** allows electrical professionals to prepare installations cleanly and efficiently for the end customer.

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 Di-rective. For more information about disposal, please visit www.wago.com.

Device data

Radio technology	Thread®
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	4066966801958
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

Continued on next page

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 2757-1108

CAD/CAE-Data

CAD data

2D/3D Models 2757-1108