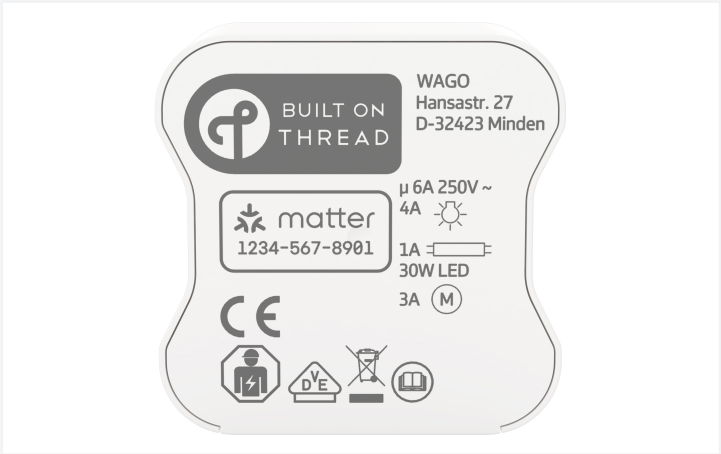
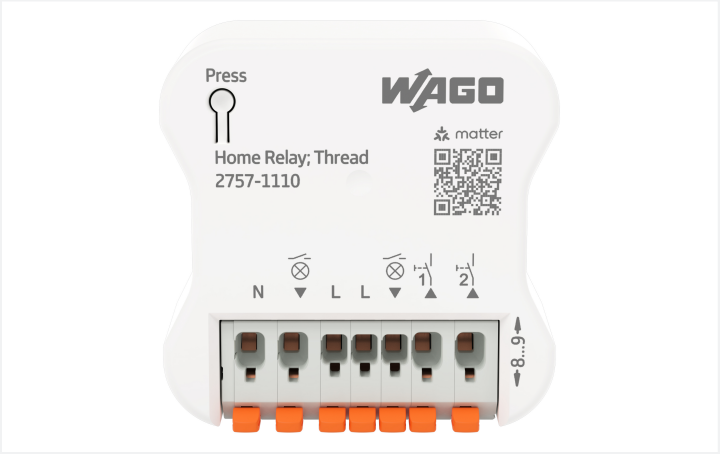
# Data Sheet | Item Number: 2757-1110

Home Relay; 2DI/2DO; 6 A; Thread

https://www.wago.com/2757-1110




**WAGO Home Relay (6 A) - Matter® over Thread® | Smart Flush Mounted Wireless Module for Small Loads and 2 Channel Lighting Control**
The **WAGO Home Relay (6 A) – Matter® over Thread®** enables smart control of smaller loads such as bathroom fans as well as two channel lighting circuits. Light on, light off – via app, voice command, or still classically via switches or push buttons. This compact flush mounted module offers maximum flexibility throughout the smart home.
Thanks to **Matter®**, the manufacturer independent smart home standard, the relay can be integrated across platforms into all common smart home systems. With **Thread®**, it uses a particularly stable, low-latency, and energy-efficient wireless standard.

**Product Highlights:**
- **Matter® over Thread®** – Future ready and ideal for modern smart home systems
- **Up to 6 A output current** – Suitable for smaller loads, bathroom fans, and light loads
- **2 channel lighting control** – Two lighting circuits can be switched independently
- Operation via **app, voice control, or classic switch/push-button**
- **Thread® mesh network** – Stable, energy efficient, and automatically expandable
- **Certified safety** – VDE certified and developed in accordance with IEC 62443-4-1 for maximum security
- **Tool-free installation** with Push-in CAGE CLAMP® and WAGO lever technology
- **Easy setup** via the WAGO App (electricians) and the WAGO Home Setup App (end users)
- Ideal for **new construction, renovation, and retrofitting**

**Product Description**
With the **WAGO Home Relay 6 A**, outlets, bathroom and WC fans, or two separate lighting circuits can be controlled conveniently and intelligently.

**Typical Applications:**
- Small loads on outlets
- Bathroom or WC fans
- Two-channel room or zone lighting

Operation remains flexible – via smartphone, voice control, or classic switch/push button operation.
This variant uses **Thread®**, a modern, IP based wireless standard that creates a self healing mesh network with long range, low latency, and particularly energy efficient communication. It is therefore ideal for households with a **Thread® border router.**

**Maximum Security**
The WAGO Home Relay meets high requirements for reliable and secure operation:
- **VDE certified**
- Designed in accordance with **IEC 62443-4-1**
- Compliant with the European cybersecurity standard **EN 18031 (RED)**

This ensures optimal protection for the entire smart home system.

**Maximum Simplicity**
Connection is fast, safe, and completely tool-free thanks to **Push-in CAGE CLAMP®** and WAGO lever technology.
Electrical professionals can prepare settings in advance using the **Home Setup** feature in the WAGO App.
End users then conveniently import these configurations into their smart home control center via the **WAGO Home Setup App.**

## Notes

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

## Device data

| | |
|---|---|
| Radio technology | Thread® |
| Communication standards | Matter® |
| Function | Electronic switch |
| Control Elements | Reset button |
| Indicators | Status LED |

## Module supply

| | |
|---|---|
| Voltage range | 200 … 240 V ~; 45 … 65 Hz |
| Power loss $P_l$ | < 0.6 W typ. |

## Inputs/outputs

| | |
|---|---|
| Number of inputs | 2 x Push-Button/Switch |
| Voltage range for signal (1) | 200 … 240 VAC (digital input) |
| Number of outputs | 2 |
| Output current (per channel) | Load max.: 6 A (both channels combined), 30 W (LED) |
| Electrical switching operations (min.) (at max. resistive load) | 60 x $10^3$ switching operations |
| Output characteristic | Latching |
| Internal fuse | 6.3 A |

## Connection Data

| | |
|---|---|
| Connection type | Clamping points 1, 2, 6, 7 |
| 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 |
| Connection type | Clamping points 3, 4, 5 |
| Connection technology | Push-in CAGE CLAMP® |
| Actuation type | Lever |
| Solid conductor | 0.14 … 1.5 mm² / 26 … 16 AWG |
| Solid conductor, push-in termination | 0.5 … 1.5 mm² / 22 … 14 AWG |
| Fine-stranded conductor | 0.14 … 1.5 mm² / 26 … 16 AWG |
| Strip length | 8 … 9 mm / 0.31 … 0.35 inches |

## 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 | <a href="https://www.wago.com/global/d/Data-Act-INT-WAGO-Home-Automation">Data-Act-INT-WAGO-Home-Automation</a> |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## Commercial data

| | |
|---|---|
| PU (SPU) | 1 pcs |
| Packaging type | Box |
| Country of origin | DE |
| GTIN | 4066966802009 |
| Customs tariff number | 85365080000 |

## Product Classification

| | |
|---|---|
| UNSPSC | 39122333 |
| ETIM 10.0 | EC001588 |
| ECCN | NO US CLASSIFICATION |

## Environmental Product Compliance

| | |
|---|---|
| RoHS Compliance Status | Compliant,No Exemption |

## Approvals / Certificates

### General approvals

| Approval | Standard | Certificate Name |
|---|---|---|
| VDE<br>VDE Prüf- und Zertifizierungsinstitut | - | 40061427 |

### Declarations of conformity and manufacturer's declarations

| Approval | Standard | Certificate Name |
|---|---|---|
| EU-Declaration of Conformity<br>WAGO GmbH & Co. KG | - | - |

## Downloads

### Environmental Product Compliance

**Compliance Search**

Environmental Product Compliance 2757-1110

### Documentation

**Manual**

| | | |
|---|---|---|
| Produkthandbuch WAGO Home Relay; 2DI/2DO; 6 A; Wi-Fi/Thread | 4987369611 \| 1 \| de \| 2026-03-05 11:11<br>14.03.2026 | pdf<br>3346.23 KB |


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## CAD/CAE-Data

### CAD data

2D/3D Models
2757-1110