

dingz

iolo Presentation





Energy optimization

We develop products to optimize the use of energy in order to participate in the protection of the environment and energy saving.



Quality

We strive to differentiate ourselves not only by the versatility of our products but also by their very high quality.



Bilingual and Swissness

100% of our employees are bilingual and our roots in the canton of Fribourg and in Switzerland reflect our values.



Comfort and automation

We bring added value in terms of user comfort but also by automatizing tasks which improves the daily life of our customers.



UNUS - 70 apartments - 2021 - Kreuzlingen

Projects carried out in 22 cantons and internationally



Romandie

- Geneva
- Vaud
- Neuchâtel
- Fribourg
- Valais
- Jura

German-speaking

- Bern
- Solothurn
- Basel Stadt
- Basel Land
- Luzern
- Zug
- Aargau
- Schwyz
- Zürich
- Glarus
- Thurgau
- St-Gallen
- Obwalden
- Nidwalden
- Uri
- Graubünden

International

- Liechtenstein
- France
- Portugal
- Germany

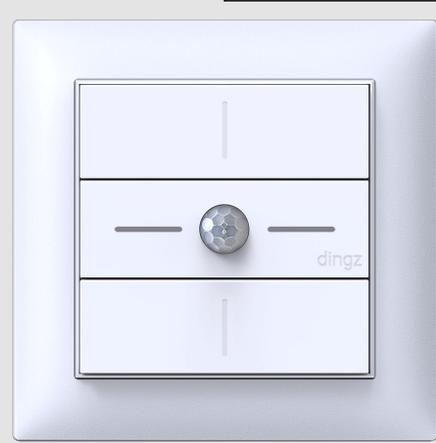
Highlights of the dingz

Sleek design

Great care has been taken in the design of the dingz, which fits perfectly into all types of buildings: architectural, old or common.

Motion / light sensor

Thanks to this element, it is possible to automate the control of the light according to the criteria of presence and atmosphere with great precision.



Front PIR

Ambient RGB LED

The LED can be programmed to create a colorful atmosphere or to communicate a status.

Engravable buttons

A configurator is available to engrave symbols or add text on each button

WiFi connectivity

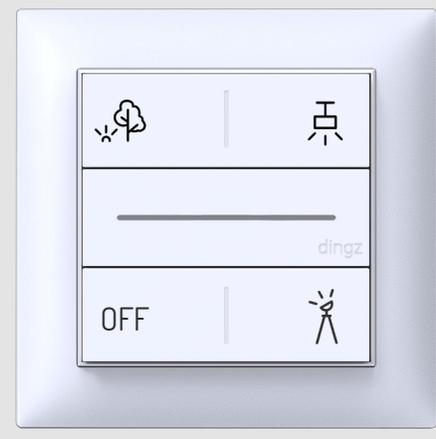
Robust WiFi wireless connectivity allows the dingz to integrate with over 20 different smart ecosystems and to be managed remotely.

Temperature sensor

The temperature measurement function can be used to operate various actuators (ex. heating valves)

4 independent and programmable buttons

The 4 keys can be freely assigned to different functions, and repetitions and combinations of keys can be associated with commands.



Front Standard

Efficient

The dingz is developed to be energy efficient.

Swiss frame compatible

The dingz is compatible with the most common switch sizes on the market. It is possible to upgrade an existing installation.

Highlights of the dingz

4 variable outputs (dimmer)

The dingz is the only intelligent switch with 4 variable outputs on the market.

Blind motors

2 blinds can be controlled. The slats can be precisely adjusted

1 input / output

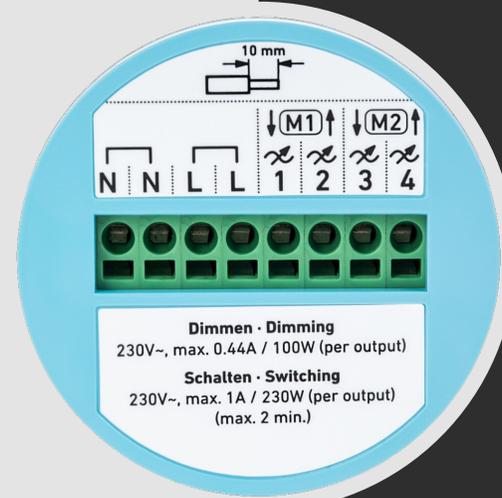
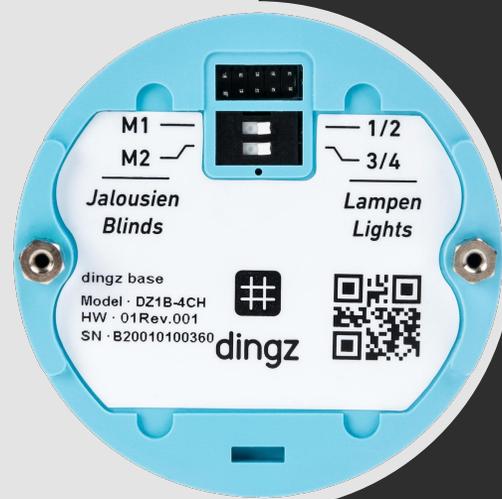
One of the outputs can be used as an input to control the dingz with an external sensor.

Standardized connectivity

The dingz can be installed by any electrician in Switzerland, no previous training is required. It can be integrated into a standard installation and does not require any additional cables.

Overvoltage protection up to 3000 Volts

The components have been chosen so that the dingz can be interrupted in case of overvoltage to protect the connected devices and lamps.



Durability & Reusability

The dingz are designed to meet the criteria of lifespan and universality of the circular economy.

DIP Switch

Switching of blind motor outputs with a clip

High quality injected plastic

The materials are extremely robust and resistant to ageing.

Plug-in type connectors

This type of connector facilitates the installation while remaining very robust

Compatible with Swiss electric boxes

The dingz can be installed in both new and old buildings without any changes to the building or standard wiring.

Basic features



Space optimization
and switch saving



-  Light - Dimmer
-  Blinds - Sunshades
-  Thermostat - Freecooling
-  Ventilation
-  Motion detector
-  Switching socket
-  Brightness detection
-  Timer
-  Scheduler
-  Mode setting

The sectors of activities

House Automation

With our products, we make the home smart. This approach allows our customers to increase their comfort.

- Integration of home automation ecosystems
- Presence and light detection
- Automation and scenarios

Optimization

Based on the consumption data and the control of the actuators, we optimize the energy use.

- Optimized monitoring of lighting and blinds
- Precise monitoring of heating and air conditioning
- Remote access and proactive management through weather forecasting

Security

Our solution brings increased security to our users' homes.

- Protection against intruders
- Detection of injured persons
- Presence simulation

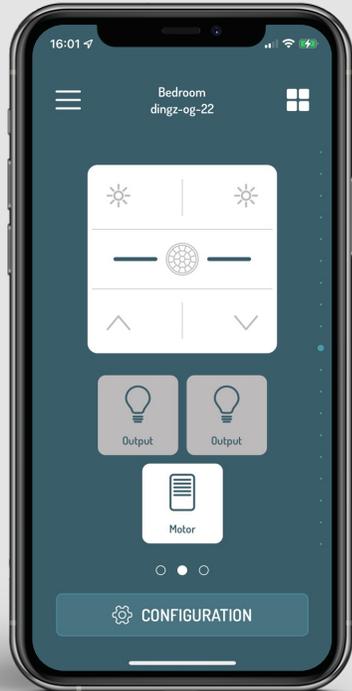


Hasenrainstrasse – 7 apartments – Elektro Mühlethaler



dingz products

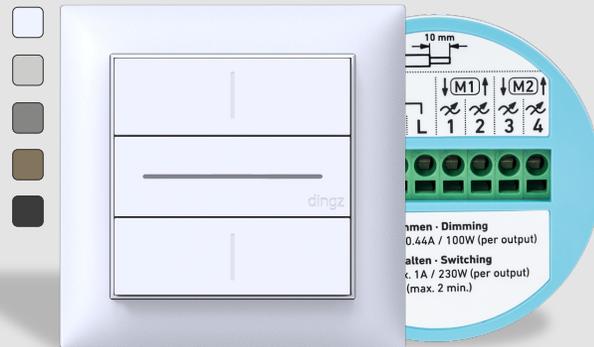
Home automation and use



dingz App



Converter 0-10V / 1-10V



dingz Front

dingz Base



Gateway weather station

Software services



iolo Cloud Services



dingz
Cockpit
& Control



dingz
Installer
Webapp



dingz
Security
Portal

In progress

New approach to housing

Intuitive

- The sleek design integrates very well with the building and the intuitive user interaction is based on known and established elements..
- The dingz is scalable in time, the configuration can be done at the end of the project or according to the wishes of the tenant.
- The end user can configure and integrate the system himself.

Partnership

- Electricians are our partners. We bring them a product that can be installed without additional effort or specific training.
- The dingz provide an answer to the demands of homeowners and new projects related to smart and connected living.
- The role of electricians is diversified because they can install the dingz but also offer a personalized configuration service to the users.

Competitiveness

- Optimized development and construction of the dingz to offer a qualitative product at a competitive price.
- Efficient installation concept and configuration by electricians.
- No additional cost compared to a traditional installation
- The distributed intelligence in the ecosystem makes it possible to do without centralized control elements..

Open API

- All dingz interfaces are documented and public for use by third parties.
- More than 20 existing home automation ecosystems are integrated with dingz interfaces.
- dingz is not based on any proprietary communication media but follows international standards.



Partners



Primeo

Common solution for "ZEV" clients and other synergies

Life Stage

Combined solution for retirement and nursing homes

UNUS

Prefabricated houses according to the highest minergie standard (all exclusively equipped with dingz)

Economic development of Freiburg

Future support and opportunities for INNOSUISSE projects

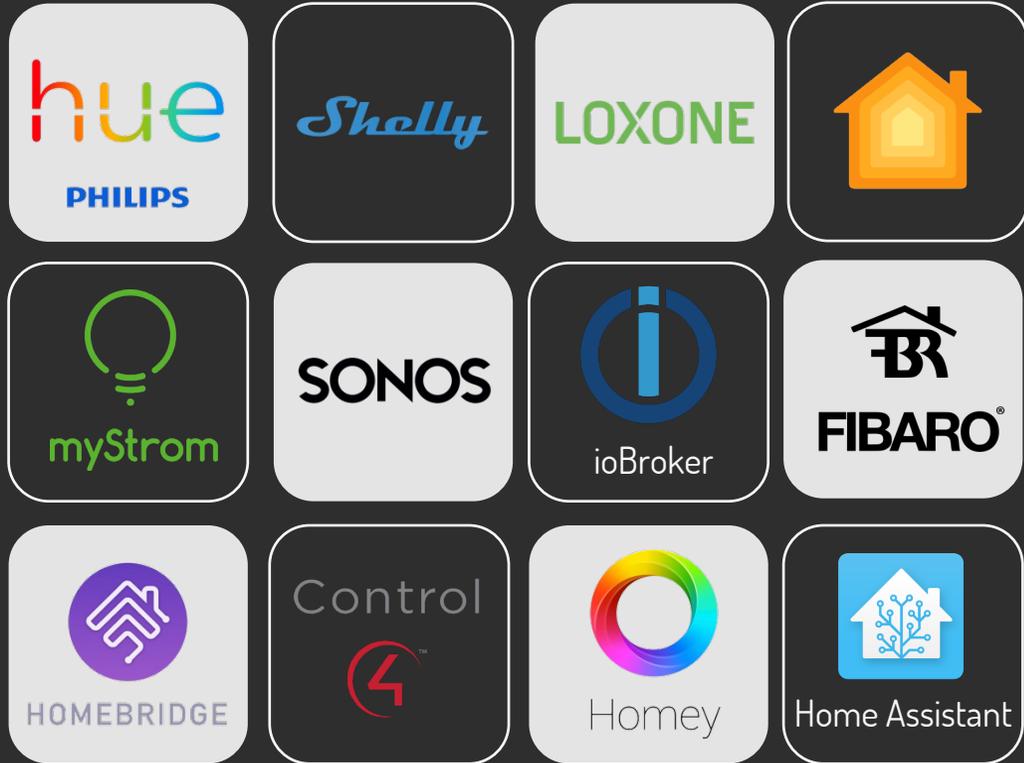
WAGO Contacts SA

Supply of components for weather station & 0-10V converter



Products and compatibles interfaces

App & products



Solar management



Indication of the consumption by dingz LEDs
 Green - surplus solar power
 Red - taken from the grid
 Blue - optimized around zero
 Yellow - priority setting

Vocal assistants



Réalisations récentes



Baumgartner – 2 semi detached house – Oberwil



Jardin de la scierie – 41 apartments – Delémont



VB Création – apartments– Eclépens



Huttlerpark – 48 apartments – Olten



Ilgenhof – 22 apartments – St-Gall



Edouard Dubois – 12 apartments– Neuchâtel



Schlosspark – 15 apartments – Courgevaux



Courchapoix – 6 semi detached house – Jura



Panoramablick – 3 apartments – Emmenbrücke



Contact

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