

ADJUST VENTILATION  
AND LIGHTING TO  
SUIT ALL YOUR  
NEEDS

# Universal actuator – 0-10 V

HmIP-WUA

The mains-powered Homematic IP Universal actuator can be used in a variety of ways in the smart home. The 0-10 V and 1-10 V interfaces allow individual regulation of controlled living space ventilation systems (KWL) or analogue controllable dimmers for creating the right lighting mood. Brightness and time profiles are set up individually via the Homematic IP app for convenient switching.

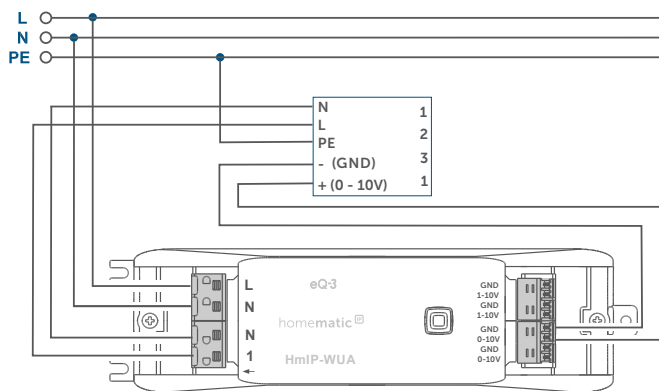


homematic   
Smart living, simply comfortable

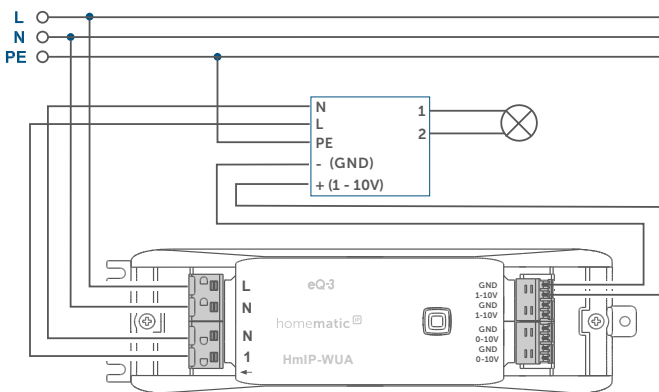
## TWO PARALLEL SWITCHING OUTPUTS

The mains-powered Universal actuator has a switching output with a 0-10 V interface, which can be used to conveniently control, for example, electronic ballasts or controlled living space ventilation systems (KWL). It is also possible to connect a consumer (e.g. dimmer) to the 1-10 V interface connected in parallel.

Connecting a 0-10 V device, e.g. KWL



Connecting a 1-10 V dimmer



## CONVENIENT & FLEXIBLE CONTROL

The Universal actuator is easy to control via the Homematic IP app. For example, KWL controllers can be conveniently set up via time profiles.

An additional paired Homematic IP wireless pushbutton can also be used to easily provide surge ventilation at the touch of a button. While ventilation is at the normal level during the day, the system can be set in such a way as to reduce it at night in order to prevent ventilation noise.

Lights can also be switched on or off via time profiles and with the desired dimming level.

## ADDITIONAL RELAY

As soon as a conventional consumer is connected, this can additionally be switched on or off with the aid of the relay alongside the power supply. Unlike conventional actuators, the connected device can thus be completely de-energised.

## EASY TO INSTALL

The robust housing allows the Homematic IP Universal actuator to be mounted on a wall or in a suspended ceiling. For this purpose, the device can be fastened with commercially available screws and dowels using the fastening lugs on the side.

Operation requires connection to one of the following solutions:

- Homematic IP Access point with free smartphone app and free cloud service
- Third-party supplier partner solutions

## TECHNICAL SPECIFICATIONS

Supply voltage	230 V~/50 Hz
Current consumption	8 A max./16 mA (typically)
Switching voltage	230 V~
Power consumption in standby	200 mW
Cable cross section	
230 V terminals	1.5-2.5 mm <sup>2</sup>
0-10 V terminals	0.25-1.5 mm <sup>2</sup>
Degree of protection	IP20
Ambient temperature	5 to 35 °C
Dimensions (W x H x D)	51 x 31 x 187 mm
Weight	145 g
Radio frequency band	868.0-868.60 MHz 869.4-869.65 MHz
Typical range in open space	240 m
Relay	NO contact, 1-pole, $\mu$ contact

## LOGISTICS DATA

Product reference	154761A0
EAN code	4047976547616
Short description	HmIP-WUA
Packing unit	48
Packing dimensions	281 x 91 x 48 mm
Weight incl. packaging	281.2 g

## PACKAGE CONTENTS

Homematic IP universal actuator 0-10 V  
Operating manual