

4 AO


TapHome 4 AO module with 4 analog outputs 0–10 V for HVAC and lighting control. Max 10 mA per output, 2M DIN rail.



Quick Facts

Dimensions	36 × 59 × 58 mm
Operating temperature	-20 ... 55 °C
IP rating	IP20
Power consumption	0.5 W

A 0-10V analog signal is used to control air conditioning or lighting.

Order Code	TH-4AO-DIN-2.0
EAN	 8586022930065

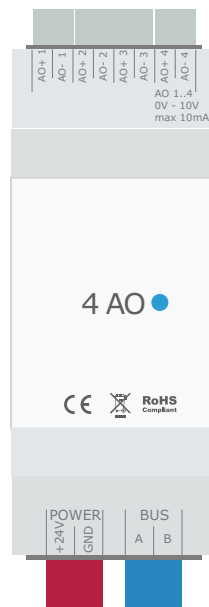
Technical Specifications

ELECTRICAL	
Power supply	24 VDC ±10%
Power consumption (idle)	1 W
Bus	TapHome Bus
Output current	10 mA per channel
OUTPUTS	
Analog output	4× 0–10 V

Terminal Connectors

Connector	Pins	Wire range	Strip length
● Outputs	AO+ 1, AO- 1, AO+ 2, AO- 2, AO+ 3, AO- 3, AO+ 4, AO- 4	0.2–4 mm ² (30–12 AWG)	6.5–7.5 mm
● Power	+24V, GND	0.2–4 mm ² (30–12 AWG)	6.5–7.5 mm
● Bus	Bus A, Bus B	0.2–4 mm ² (30–12 AWG)	6.5–7.5 mm

Wiring Diagram



Features

- 4x analog outputs 0-10V / 1-10V
- Recommended cable lengths between the module and the controlled device:
 - Cat5 cable – max 35 meters
 - Cat6 cable – max 50 meters
- Maximum current on one output is 10 mA
- Operating temperature –20 °C to +55 °C
- Energy consumption 2 W
- Power supply 24 VDC ±10%
- DIN rail, 2 modules. Width 36 mm, height 59 mm.

Galvanic Isolation

Analog outputs are **not galvanically isolated** from the module power supply. The controlled device must share a common GND with the module.

If the controlled device requires galvanic isolation, use the [PWM to AO adapter](#) with 3kV isolation.



Product page

<https://hardware.taphome.com/4-ao/>

