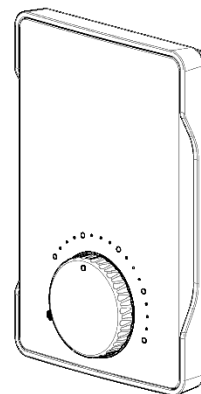


OEM Alpha RF light analog room-control device

The OEM Alpha RF light analog room-control device records the room temperature and regulates the corresponding heating zone via the OEM Alpha RF light base station for panel heating.

The settings are made using the setpoint adjuster.



1.1 Key features

- Extremely flat version (13 mm) and small dimensions (86 mm × 58 mm)
- 868 MHz radio technology for optimal positioning without the need for cabling
- Convenient operation via setpoint adjuster
- Setpoint temperature adjustment range approx. 7 ... 28 °C
- Wall installation possible using screws or power strips

1.2 Scope of delivery

- OEM Alpha RF light analog room-control device in individual packaging
- 1× CR 2032 button cell battery
- Quick Installation Guide

The Quick Install Guide for installation and commissioning is included in the following languages:

- German
- English
- French
- Dutch
- Italian
- Spanish
- Danish/Norwegian
- Finnish
- Swedish
- Polish
- Greek
- Turkish

1.3 Optional extensions or differentiations to the basic version

Packaging	customised printing and production of packaging
Housing	Individualised design e.g. square, upright, horizontal format, individualised colour
Printing on housing	Printing on the housing (e.g. Logo), the individual type and device name
Lower part of the housing	Colour adaptation, change of shape
Setpoint adjuster	Individualised colour adjustment

Please contact us if you have any further requests.

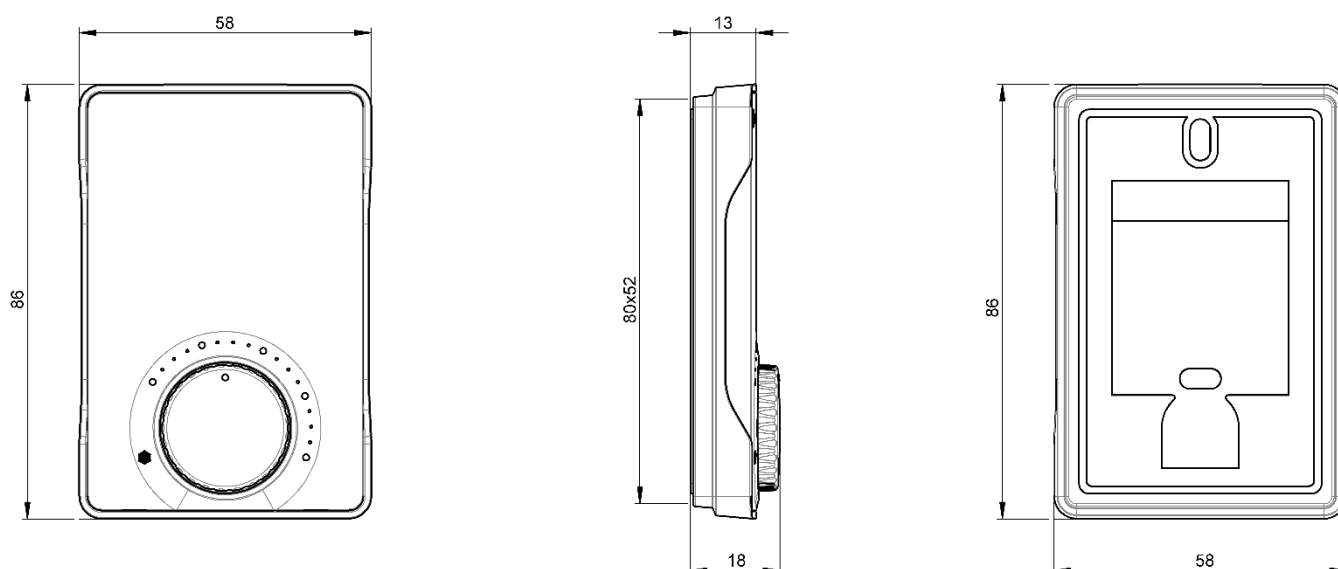
2 Technical data

Type	RAL 61001-N1
Product name	Alpha RF light room-control device, analog, neutral, white
Operating voltage	3 V
Battery type	CR2032
Battery life	> 2 years
Operating voltage (voltage type)	d.c.
Reverse polarity protection	mechanically via battery holder concept
Radio frequency	868.3 MHz in SRD band
Max. transmitting power	≤ 25 mW
Radio protocol	proprietary
Typical free-field radio range	250 m
Protection type	IP20
Permitted ambient temperature	0 ... 50 °C
Permitted ambient humidity	5 ... 80%, non-condensing
Storage/transport temperature	-10 ... +50 °C
Material (housing)	ABS
Housing colour	RAL9003 (signal white)
Dimensions	86 × 58 × 13 mm / 18 mm
Weight	38 g
Setpoint temperature adjustment range	7 ... 28°C
Actual temperature measuring range (internal sensor)	5 ... 30°C
Internal NTC measurement accuracy	±0.5 K

2.1 System boundaries

The maximum possible radio range inside buildings depends on the individual environmental factors at the location. This means that the actual radio range may differ significantly from the radio free-field range!

2.2 Dimensions



Subject to technical changes. Reprinting, even in extracts, is only permitted with the authorisation of Möhlenhoff GmbH.