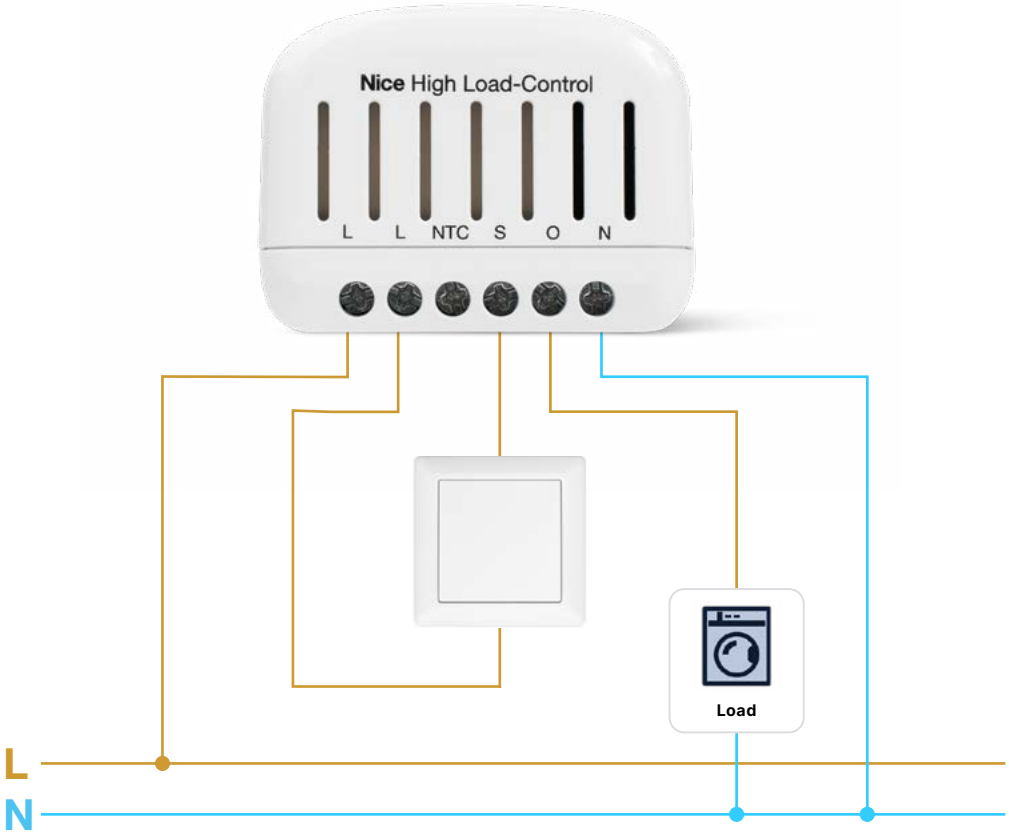
Nice

High Load-Control

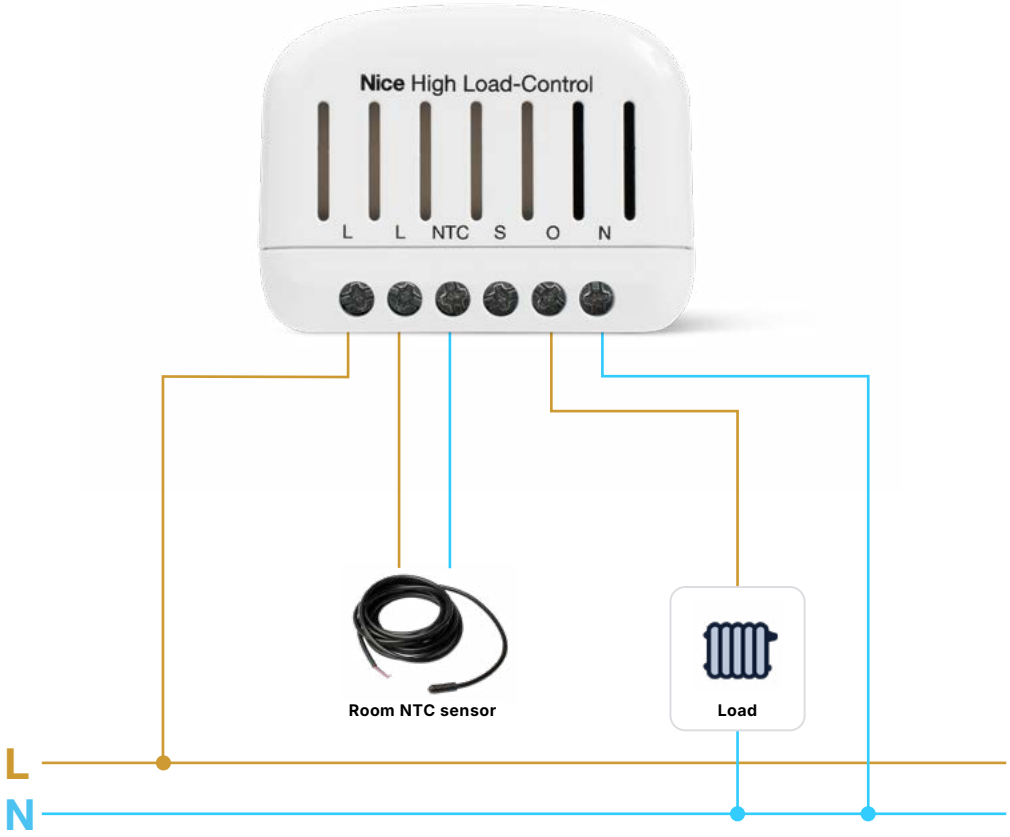
The new module for remote control of resistive loads and smart heating

Nice

From a simple switch



To a full heating controller



PROG button and status LED
One button for inclusion, mode selection and reset; colour LED shows network security state

External NTC input
Connect a temperature sensor to turn the module into a stand-alone floor / room thermostat

16 A single-chanel relay
Switches demanding resistive loads directly — no external contactor required for most heating circuits

New Z-Wave 800 chip
800-series radio boosts range and speeds up communication between the module and the gateway

Nice

High Load-Control

Module for remote control of high-power resistive circuits, also functioning as a heating thermostat.

WORKS WITH NICE GATEWAYS:

Yubii Home Pro

Yubii Home

WORKS WITH FIBARO GATEWAYS:

Home Center 3

Home Center 3 Lite

230V HOUSEHOLD APPLIANCE MANAGEMENT

INNOVATIVE HEATING MANAGEMENT SYSTEM

MEASUREMENT OF ENERGY CONSUMPTION

MAINS VOLTAGE MEASUREMENT

AUTO-OFF

LOAD PROTECTION

Yubii

Z-Wave 800 series

ACCESSORY (not included)

NTC sensor

High Load-Control can be used as a control switch for resistive loads, or as a stand-alone or assisted heating thermostat.

The device is installed in a standard wall switch box and controls a single resistive load of up to 16 A. It can be operated remotely via the Yubii Home app or locally by a connected wall switch, and it measures active power, energy consumption and mains voltage.

With an external NTC sensor it also works as a stand-alone thermostat for floor and room heating, with configurable setpoints and overheat protection.

Typical applications:

- General 16 A on/off switching
- High-power resistive appliances
- Electric floor heating
- Electric radiators & towel rails
- Water heaters / boilers

Main features:

- 16 A single-pole relay for resistive loads
- Three modes: switch, NTC thermostat, controller-assisted thermostat
- Compatible with any Z-Wave / Z-Wave Plus controller; works as a repeater
- Secure S2 communication with AES-128 encryption
- Active power, energy & mains-voltage metering
- External NTC sensor support (1–50 kΩ)
- Momentary and toggle wall-switch inputs
- Overcurrent, overvoltage & overheat protection
- Configurable auto-off timer

Z-WAVE Z-WAVE PLUS

TECHNICAL SPECIFICATIONS

Code	Description	Pcs./pack	Certificates
HIGH LOAD-CONTROL	Remote control of one high load electrical device	1	CE

Code	**HIGH LOAD-CONTROL**
Input power	230V~50Hz
Rated current load (resistive loads only)	16 A single-pole relay
Operating modes	Switch / NTC thermostat / assisted
NTC sensor (not included)	1–50 kΩ, β 2000–6000 K
Metering	Power (W), energy (kWh), voltage (V)
Operating temperature (°C Min/Max)	0 - 35
Radio protocol	Z-Wave (800 series)
Radio frequency (MHz)	868.4 or 869.8 (EU)
Radio range (m)	up to 100 m outdoors, up to 30 m indoors (depending on building structure)
Compliant with European directives	RoHS, RED 2014/53/EU
Protection class	IP20
Dimensions (mm)	45 x 36 x 23 h

Nice

Infinite scenarios with Yubiï

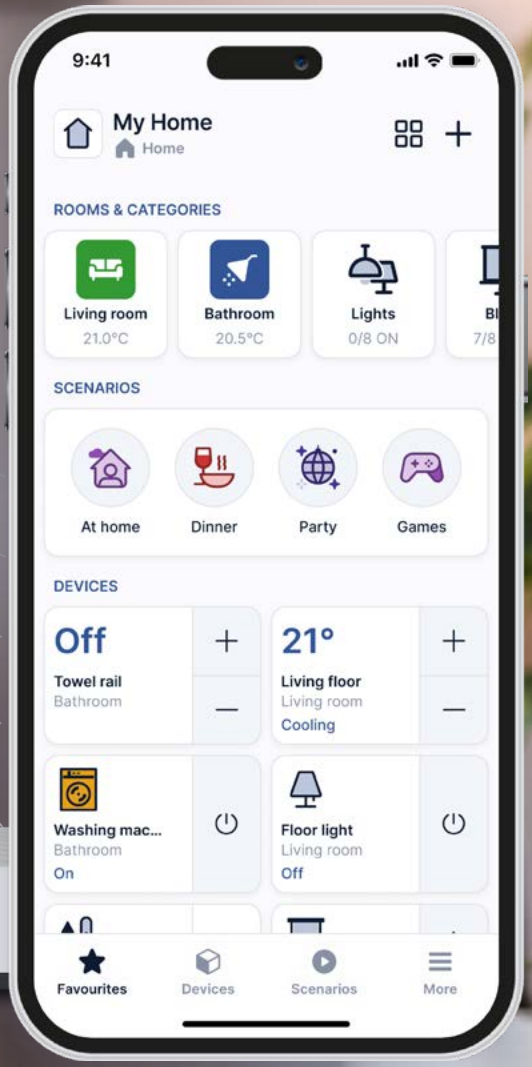
Yubii, a single ecosystem to connect, simplify and control all home automations.

Connect automations via the Nice gateway to create personalised scenarios that can be controlled either by smartphone or by remote control.

Yubii Home App

GET IT ON Google Play

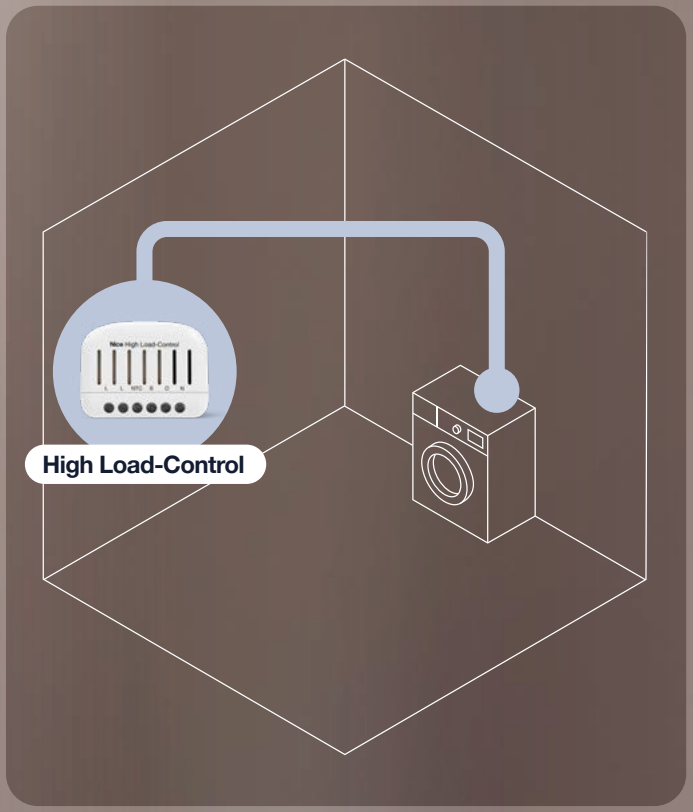
Download on the App Store



Switch mode

Direct on/off control of any resistive load up to 16 A, remotely or from a wall switch, with full energy metering.

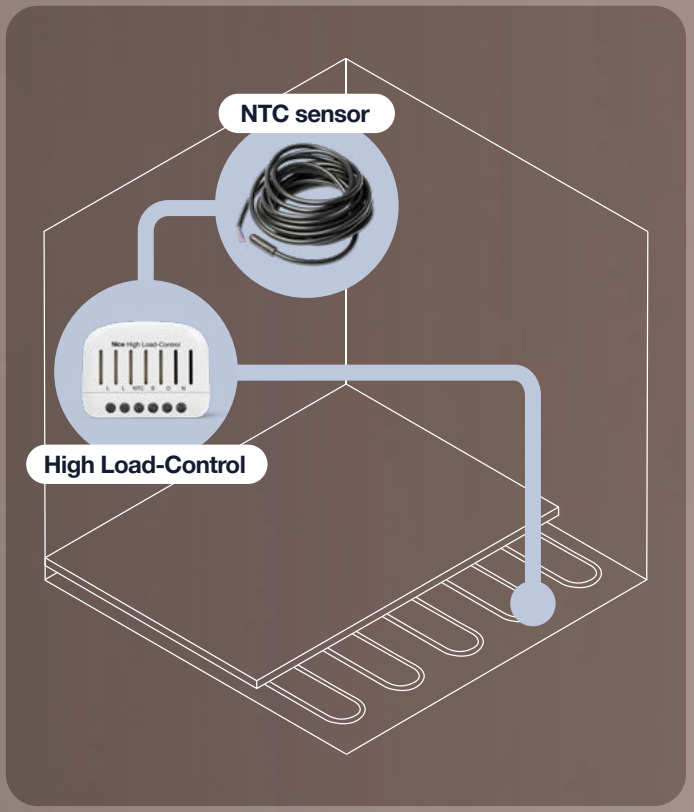
For boilers, heaters, high-power appliances



NTC thermostat mode

The module regulates the load from its own NTC sensor — a self-contained floor or room thermostat, no hub logic required.

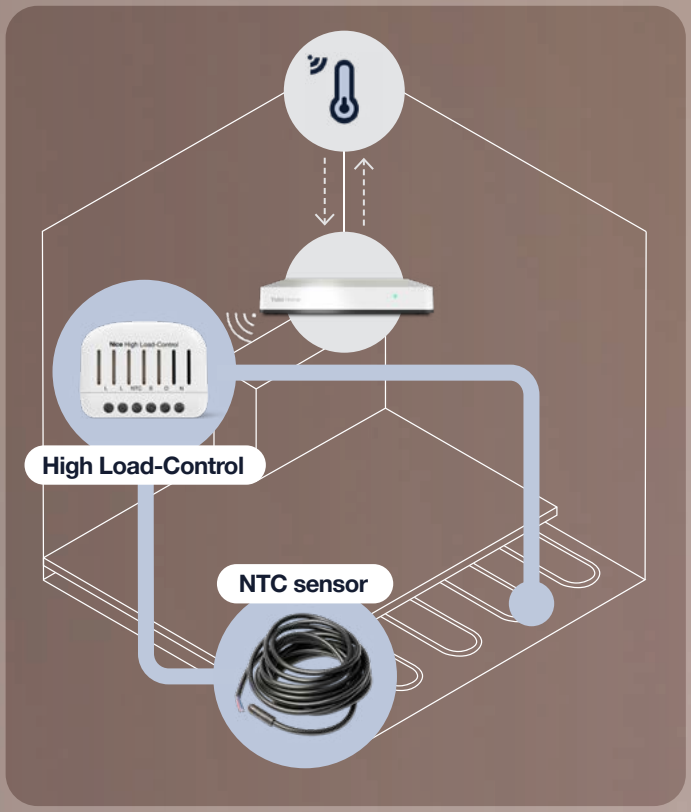
For electric floor heating, electric radiators



Assisted thermostat mode

The controller sets the target temperature while the NTC sensor guards against floor overheating for precise, safe comfort.

For whole-home heating scenes



We imagined the freedom to explore the world and turned it into a house-system.

Connected, integrated and customisable.
Safe and easy to use. The Nice Smart Living ecosystem is crafted around your lifestyle, enhancing every living experience.

Even when you're busy exploring the world.

www.niceforyou.com

Nice SpA
Oderzo, TV, Italy

Nice

The information shown in this publication is purely indicative. Nice reserves the right to make any modifications to the products as it sees fit.