



Tinycontrol LAN Controller V3 | LAN Controller | enclosure included



link to the product:

<https://www.batna24.com/gb/p/network-accessories/tinycontrol-lan-controller-v3-lan-controller-enclosure-included>

Price: **293.15 zł** gross / 238.33 zł net

tinycontrol.eu
microprocessors projects



Manufacturer: TINYCONTROL

Referention number: DNXFMJQJFRMMJP

Full product description

Tinycontrol LAN Controller V3 in housing

The **Tinycontrol LAN v3** controller is used to read **measured values from sensors** connected to the device, and to **control other** electronic **devices** via digital and analog outputs. The Ethernet port allows connection to a local network and remote operation. **Dedicated application for smartphones** and a web interface allow to configure operation schedules and event scenarios.



Key features

- 4 analogue inputs with switchable gain (measurement from 1mV to 33V) - for measurement of voltage, DC current, AC current (additional sensors), operating pressure sensors, thermocouples, distance sensors, photoresistors for light measurement and many others.
- 2 analogue inputs for voltage measurement up to 3,3V - for measurement of DC and AC voltages and currents (by additional sensors) and 4-20mA transmitter.
- Digital input in 1-Wire standard - measurement of up to 8 DS18B20 temperature probes and iButton reading.
- Digital input in I2C standard (together with 1-Wire on RJ12 connector) - to connect various devices e.g. temperature and humidity sensor AM2320 or BME280, OLED display with configurable text display, RTC clock and many others.
- Serial bus (UART) - currently supports CO2 sensor, PM10/PM2.5 sensor, GSM module and PV Duraluxe inverter.
- 4 logic inputs - as status sensor for opening monitoring, infrared motion detectors, for a push button for manual switching with the option of bistable mode, as a pulse counter from the energy meter.
- 1 relay (NO, C, NC).
- 1 transistor output - supply voltage at the output, to control loads with current consumption up to 1A.
- 4 outputs for switching relays, transistors in OC standard.
- 4 PWM outputs 50Hz to 100kHz.
- Measuring supply voltage and board temperature.