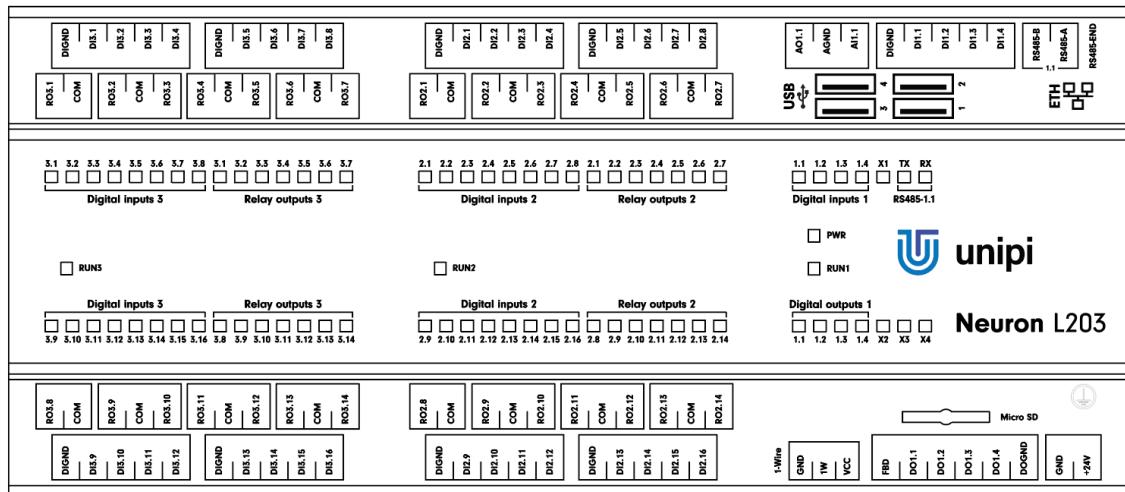


Unipi Neuron L203

PRODUCT DESCRIPTION

Unipi Neuron L203 is a programmable logic controller designed for automation, control, regulation and monitoring. The L203 features a high number of digital and relay I/Os complemented by a single analog I/O and an RS485 serial interface. With a total number of 70 I/Os, the L203 offers the highest number of inputs/outputs of all Neuron controllers. The controller is also provided with a 1-Wire interface for connection of digital temperature or humidity sensors.



COMPUTING MODULE

Raspberry Pi 3 Model B
(quad-core 1.2 GHz CPU, 1 GB RAM)

FEATURES

Inputs/outputs

36 × digital input incl. counter
4 × digital output
28 × relay outputs
1 × analog inputs
1 × analog outputs

Software

- Powered by OS Linux
- Mervis – IDE (IEC 61131-3), HMI editor, proxy server, cloud database, SCADA, a wide range of supported protocols
- Commercial solutions– CODESYS, REXYGEN
- Open-source solutions – Node-RED, openHAB, Homebridge, FHEM, PiDome, DomotiGa, Domoticz, Pimatic and many others
- Custom SW implementation – EVOK open API, Modbus TCP interface, SysFS

FUNCTIONALITY

Smart home control (lighting, doors, smart locks, irrigation etc.), automation, remote online supervision, monitoring and regulation, HVAC control, SCADA, sensors, IoT/IoT

Communication interfaces

- 1 × RS485
- 1 × 1-Wire bus
- 1 × 10/100Mbit Ethernet
- 4 × USB 2.0

Other features

- Built-in webserver
- Special functions – Direct Switch, MasterWatchdog, user LEDs
- Durable aluminium chassis (IP20)
- Available in an OEM variant
- Custom development available (IQRF, LoRa, wM-Bus, ZigBee, EnOcean and more)

