Interfaces:

- **1 x network**
- **2 x switching inputs:**
  - digital 24V inputs
  - 32-bit pulse counter
- **2 x switching outputs:**
  - digital 24V outputs
  - current driving up to 500 mA

Management:

- **Configuration**
  - Startup using WuTility (three clicks and you're done)
  - Web-based management
- **Application**
  - Create automation flows using Node-RED
  - Display on Node-RED dashboard
  - Data storage via file system, MariaDB and SQLite

Power supply:

- **External power**
  - Screw terminal
- **Power over Ethernet (PoE)**
  - Phantom power using data pairs
  - Power over unused wire pairs
- **Buffer capacitors**
  - controlled shutdown when disconnecting from the power supply

Standards & more

- **Conforms to standards both in office and industrial environments:**
  - High noise resistance for industrial environments
  - Low noise emission for residential and business areas
- **5 year guarantee**

Wish for something!

Your suggestions for improvement and additions

Connections and displays:

- Network:
- 1 x 100/1000BaseT Autosensing/Auto-MDIX, RJ45
- Digital outputs:
- 2 x Digital Out 6V-30V, 500mA
- Max. total current 1A
- Short-circuit-protected
- Digital inputs:
- 2 x Digital In,
- max. input voltage +/-30V
- protected against reverse connection within this range
- Switching threshold 8V +/- 1.5V
- "On" current = 2.2 mA

- o integrated 32-bit counter
- Supply voltage:
- o Power over Ethernet (PoE) or
- o 24 ... 48V DC (+/-10%) per screw terminal
- Supply connection:
- o Plug-in screw terminal
- Current consumption:
- o PoE Class 2 (3.84 ... 6.49W) and
- o typ. 140mA @ 24V DC with external supply
- Indicators:
- o LEDs for System, Error, Network Status and IO states

Hard- and software

- Processor and memory:
- o Marvell 88F6820
- o Flash: 4GB (eMMC)
- o RAM: 1 GB (DDR3)
- Installed software:
- o Node-RED: v1.0.4
- o MariaDB: v10.2.29
- o SQLite: v3.29.0

Housing and other data:

- Enclosure:
- o Plastic housing with integrated DIN rail mount
- o 105 x 22 x 75mm (L x W x H)
- Weight:
- o approx. 120g
- Storage temperature:
- o -40 ... +70°C
- Operating temperature:
- o 0 ... 60°C
- Permissible relative humidity:
- o 0 ... 95% relative humidity, non-condensing
- Scope of delivery:
- o rule.box Digital 2xIn, 2xOut
- o Quick start manual