

Template:Networking rut955 manual input output characteristics

This section provides a list Input/Output electric characteristics inherent in {{{name}}} routers.

- Digital input (DIN1): Logic low 0 - 1.2 V; Logic high 1.8 - 3 V
- Digital galvanically isolated input (DIN2): 0 - 30 V
- Analog input (voltage mode): 0 - 24 V*
- Analog input (current mode): up to 20 mA (commonly used with 4-20 mA standard sensors)
- Digital open collector (OC) output: 30 V, 250 mA
- SPST relay output: 24 V, 4 A
- Digital non-isolated input (in power socket): Logic low 0 - 5 V; Logic high 8 - 40 V
- Digital open collector (in power socket) output: 30 V, 300 mA

* The deviation from the actual input voltage and the voltage measured by the device is dependent on the input voltage value:

- **≥ 1.5 V** - the deviation is about $\pm 10\%$ and gets lower when the input voltage increases towards 5 V
- **≥ 5 V** - the deviation does not exceed $\pm 3\%$
- **≥ 9 V** - the deviation does not exceed $\pm 2\%$

Additional note: the deviation values specified above are applicable in temperatures of $< 50\text{ }^{\circ}\text{C}$. Under higher temperatures the deviation values become considerably higher.