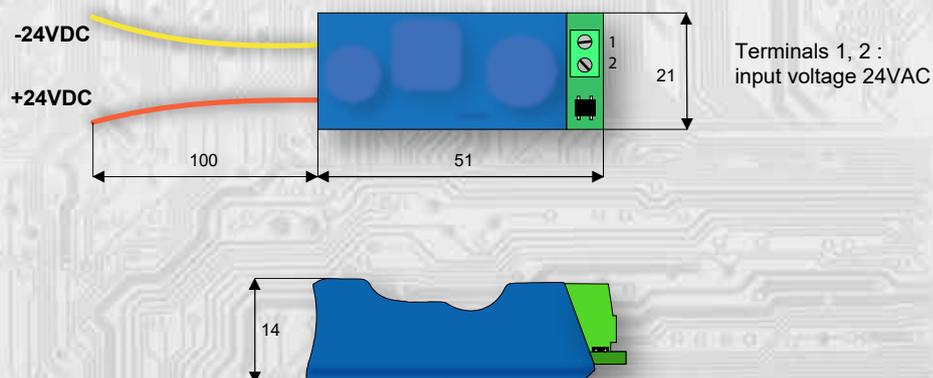


The MN24 voltage converter is designed to power DC devices with alternating voltage. It is primarily designed to power indoor sensors and controllers up to a maximum power of 5W with Modbus communication, when a 24VAC power distribution is used. The converters are inserted directly into the installation box under the controller or sensor electronics, so it is necessary to use sufficiently deep installation boxes depending on the type of device.

Basic technical parameters

Input voltage (terminals 1, 2)	24 VAC \pm 10 %
Output voltage (conductors)	24 VDC \pm 5 %
Max. power consumption / current consumption of the powered devices	5W / 200 mA
Range of working temperature and humidity	-10 \div 40°C / 0 \div 95 %RH without condensation
Range of recommended storage temp. / RH	10 \div 40 °C / 20 \div 60 % RH
Protection type	IP40 (EN 60529)
Terminal board	CPP (conductors max. 1 mm ²)

Dimensions

Mounting and connecting

The input voltage of 24VAC is connected to the input terminals of the converter. The converter is inserted into the bottom of the installation box and the output wires are connected to the sensor or controller power supply terminal block, the red wire to the positive terminal. When disassembling, proceed in the reverse order.