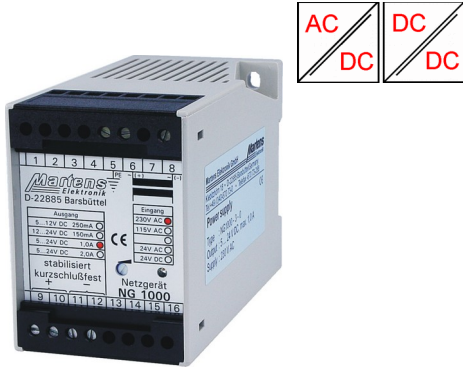
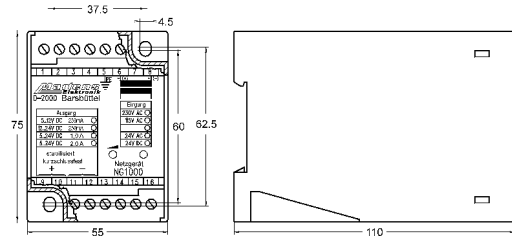


Product Information

**DC Power Supply
 NG1000**

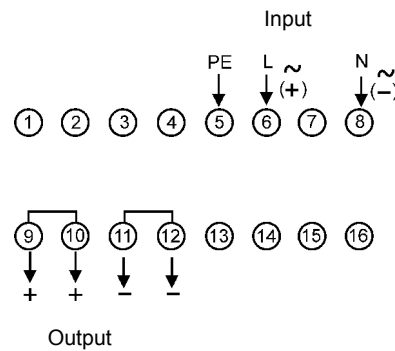


Dimensions



DIN rail mounting TS35 or 2 screws M4

Connection diagram



Characteristics

- Full 2-port isolation
- Adjustable output voltage
- Current up to 2 A
- Stabilized, short circuit proof
- Power limiting with positive characteristics

Technical data

Input : see ordering code
 Frequency : 47..63 Hz
 Operating temperature
 NG1000-1/2-X : -10..+50 °C
 NG1000-3/4-X : -10..+40 °C
 CE-conformity : acc. to EN 55022, EN 60555-2,
 IEC 61000-4-4/5/11

Output
 Voltage : 5..12 / 24 V DC, adjustable via trimpot
 Max. current : see ordering code
 Overload : output voltage will be reduced
 Load control
 NG1000-1/2-X : <50 mV
 NG1000-3/4-X : <70mV
 Residual ripple
 NG1000-1/2-X : <20 mV
 NG1000-3/4-X : <40 mV
 Short circuit current approx.
 NG1000-1-X : 290 mA
 NG1000-2-X : 220 mA
 NG1000-3-X : 2 A
 NG1000-4-X : 4 A

Case : standard case of polycarbonate
 8020 UL94V-1

Weight : max. 380 g
 Connection : screw terminals with pressure plate,
 max. 2.5 mm²

Protection class
 NG1000-1/2 : case IP40,
 NG1000-3/4 : case IP30
 terminals IP20 acc. to BGV A3

Ordering code

AC/DC Power supplies input 230 V AC ±10 %	
Type	Output*
NG1000-1-0	5..12 V DC; max. 250 mA
NG1000-2-0	12..24 V DC; max. 150 mA
NG1000-3-0	5..24 V DC; max. 1 A
NG1000-4-0	5..24 V DC; max. 2 A

DC/DC converter output 5..24V DC max. 1 A*	
Type	Input
NG1000-3-5	24 V DC ±20 %
NG1000-3-6	48 V DC ±20 %
NG1000-3-7	60 V DC ±20 %
NG1000-3-8	80 V DC ±20 %
NG1000-3-9	110 V DC ±20 %
NG1000-3-10	220 V DC ±20 %
DC/DC converter output 5..24V DC max. 2 A*	
Type	Input
NG1000-4-5	24 V DC ±20 %
NG1000-4-6	48 V DC ±20 %
NG1000-4-7	60 V DC ±20 %
NG1000-4-8	80 V DC ±20 %
NG1000-4-9	110 V DC ±20 %
NG1000-4-10	220 V DC ±20 %

* The output voltage is adjusted to the minimum at delivery.