

- Self cooling
- Integrated thermo protection
- Low residual ripple
- Sealed-in
- Compact design



Technical data

1. Functions

Transformer DC power supply - smoothed

2. Indicators

Green LED ON: indication of power output

3. Mechanical design

Self extinguishing plastic housing, IP rating IP20,
Mounting on DIN-Rail TS 35 according to EN 50022
via optional accessories (MP-RNG)

Mounting position: any

Shockproof terminal connection according to VBG 4,
IP rating IP20

Terminal capacity:

1 x 0.5 to 2.5mm² with/without multicore cable end

1 x 4mm² without multicore cable end

2 x 0.5 to 1.5mm² with/without multicore cable end

2 x 2.5mm² flexible without multicore cable end

Weight: see table

Dimensions: see table

4. Input circuit

Supply voltage: see table

Rated frequency: 50 to 60Hz

Rated consumption: see table

Voltage terminals: -5%/U, U, +5%/U

Duration of operation: 100%

5. Output circuit

Output voltage:

24V DC

12V DC

RNG 36-230/12 only

Tolerance:

RNG 36

RNG 36-230/12

RNG/DRNG 72/120/240

±1% controlled output

uncontrolled output

uncontrolled output

Residual ripple:

< 5%

Output adjustable:

No

Overload protection:

Thermo protection

Overvoltage protection:

No

Short circuit protection:

No

6. Ambient conditions

Ambient temperature: +5 to +40°C

Storage temperature: +5 to +40°C

Transport temperature: +5 to +60°C

Pollution degree: 2

7. Accessories (see page 12.03)

MP-RNG 36,

MP-RNG 72,

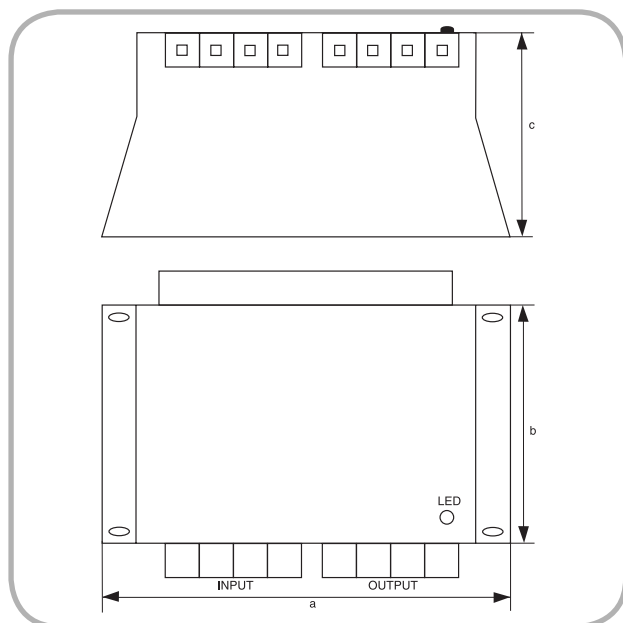
MP-RNG 120:

mounting plates for DIN-rail mounting

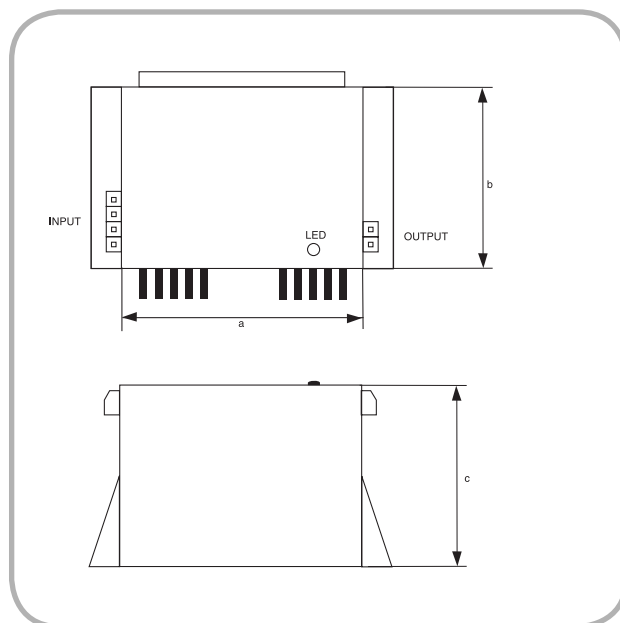
series RNG	input voltage	power class	recommended primary fuse	power dissipation	output current	output terminals	dimensions	size	weight (kg)
36-230/12	230V	36VA	0.4A	18W	1,5A	1	120 x 78 x 96	1	1,6
36-230	230V	36VA	0.4A	16W	1,5A	1	120 x 78 x 96	1	1,6
36-400	400V	36VA	0.4A	16W	1,5A	1	120 x 78 x 96	1	1,6
72-230	230V	72VA	0.63A	20W	3A	2	133 x 85 x 105	1	2,1
72-400	400V	72VA	0.4A	20W	3A	2	133 x 85 x 105	1	2,1
120-230	230V	120VA	1A	28W	5A	2	133 x 100 x 105	1	2,9
120-400	400V	120VA	0.63A	28W	5A	2	133 x 100 x 105	1	2,9
240-230	230V	240VA	2A	48W	10A	2	172 x 170 x 109	2	6,1
240-400	400V	240VA	1.4A	48W	10A	2	172 x 170 x 109	2	6,1
series DRNG	input voltage	power class	recommended primary fuse	power dissipation	output current	output terminals	dimensions	size	weight (kg)
240-400	400V	240VA	-	-	10A	2	150 x 130 x 152	3	4,2

Dimensions

Size 1



Size 2



Size 3

