

MICROSWITCH MGT2

DC OUTPUT :
10 - 400 A | 8 – 100 V

Description :

- Supply voltage: 400 VAC three-phase +/- 10% 50-60 Hz without neutral + PE.
- Ambient temperature: Max. 40°C, 50°C on request..
- Protection against overloads and short-circuits.
- Cooling: Controlled forced ventilation.
- Relative humidity (condensation-free): 85%.
- Efficiency: 88% to 94% depending on model.
- Power factor: $\cos \phi > 0.98$.
- Ripple: < 2% over the entire range of use.
- Control: 0 to 100% voltage and current.
- Precision: < 0.5% over 8 hours.
- Linearity, stability: < 0.5% over 8 hours.



Voltage / Current Ratings

MGT2 (400 Amps Max.)

Power	Up to 4800 Watts			
Weight	12 kg			
Volts	Amps			
8	100	150	200	400
10	100	150	200	400
12	100	150	200	400
16	75	100	150	300
20	75	100	150	300
25	75	100	150	200
30	75		150	
40	50		100	
50	40		80	
60	30		60	
80	20		40	
100	15		30	

Related Man Machine Interface



CONTROL PANEL

- U and I adjustable using two potentiometers
- V/C manual preset with display



TOUCHSCREEN CONTROL PANEL

- Built-in meter
- Built-in timer
- Built-in U or I gradient
- History graphs
- Save graphs to USB drive

Voltage rating greater than 100 V DC: on request.

Current Rectifier MICROSWITCH MGT2

MGT2 : 400 A (Max) Weight : 12 Kg

AC Input

Voltage	400Vac TRI +/- 10% without neutral + PE
Frequency	47 / 63 Hz
Power factor	> 0,98

DC Output

Power	4800 W
Voltage	0 to 100V
Current	0 to 400 A
Mode of operation	CV/CC
Ripple	< 2% of the normal gauge
Accuracy (Voltage and current)	< 0,5% of the normal gauge
Stability	< 0,5% of the normal gauge
Linearity	< 0,5% of the normal gauge
Distortion	< 0,5%

Environment

Temperature	0 to +40°C (55°C derating)
Relative Humidity	85% without condensation
Cooling	Controlled air cooling

Customisation :

Digital control:

- RS 485 2 fils / Ethernet / Wifi.
- Profibus DP
- Standard : Schneider/ Siemens/Wago/Phoenix...

Analog control:

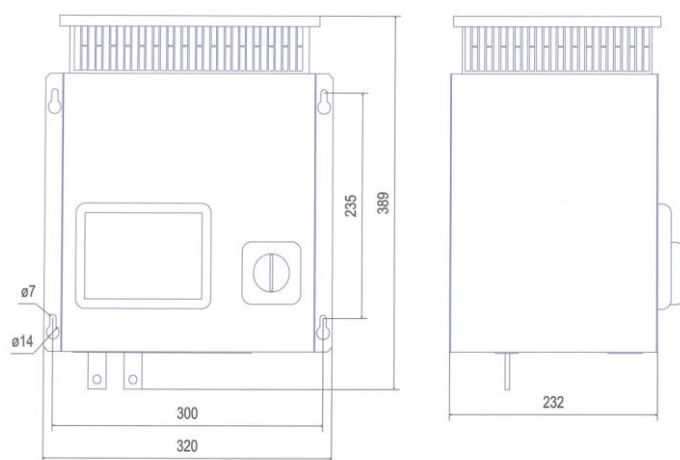
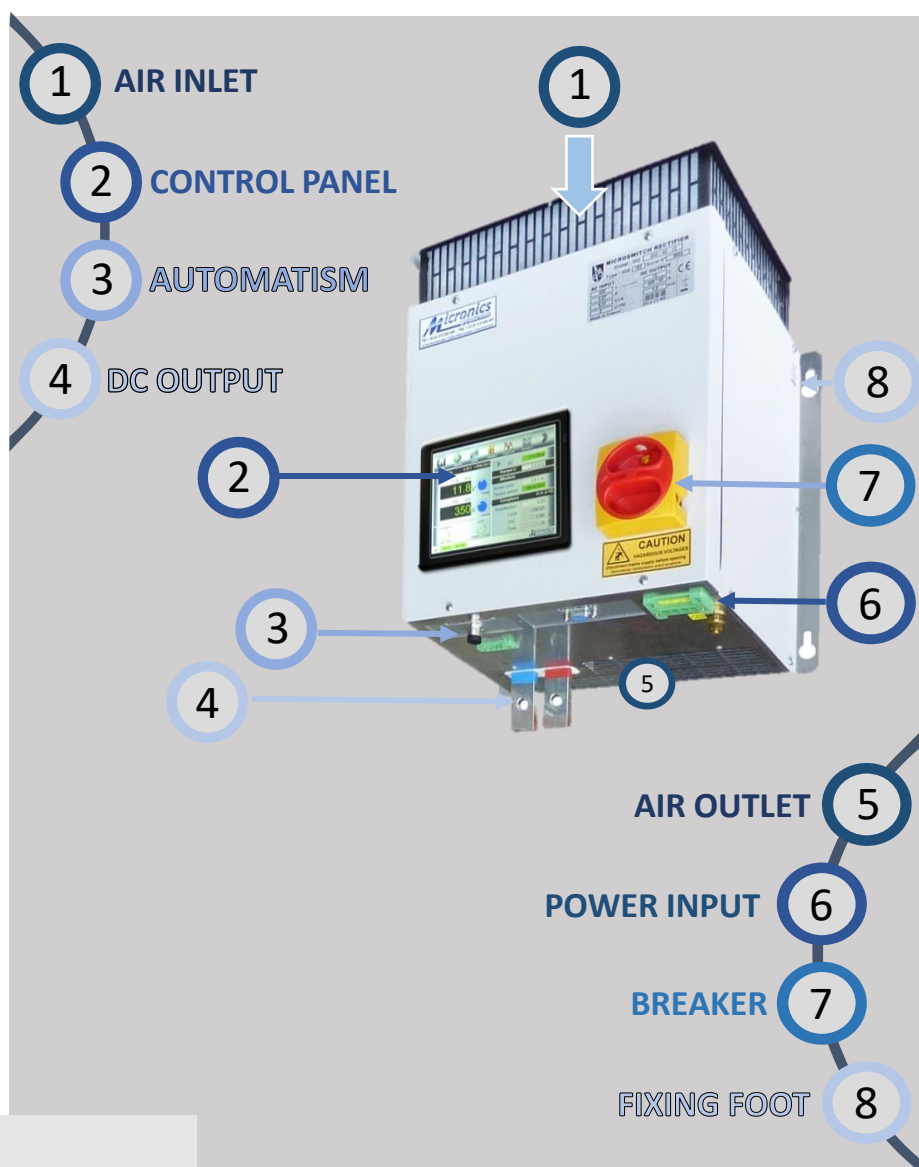
- U and I Inputs/Outputs
- 0-10V or 4-20 mA isolated 1500 Vrms

A-h T.J.P Counter

Polarity Inverter

Tension or Intensity Ramp

Timer



Dimensions

Width : 320 mm | Height : 350 mm | Depth : 230 mm