

MICROSWITCH MGT5

DC OUTPUT :

1500 A | 2000 A | 2500 A

Description :

- Supply voltage: 400 V AC 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

MGT5 (2500 Amps Max.)			
Power	Up to 25 kW		
Weight	75 kg		
Volts	Amps		
8	1500	2000	2500
10	1500	2000	2500
12	1500	2000	
16		1500	
20		1250	
25		1000	
30		750	
40		600	
50		500	
60		400	
80		300	
100		250	

Voltage rating greater than 100 V DC : on request.

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

Current Rectifier MICROSWITCH MGT5

MGT5: 2500 A (Max)

Weight : 75 Kg

AC Input

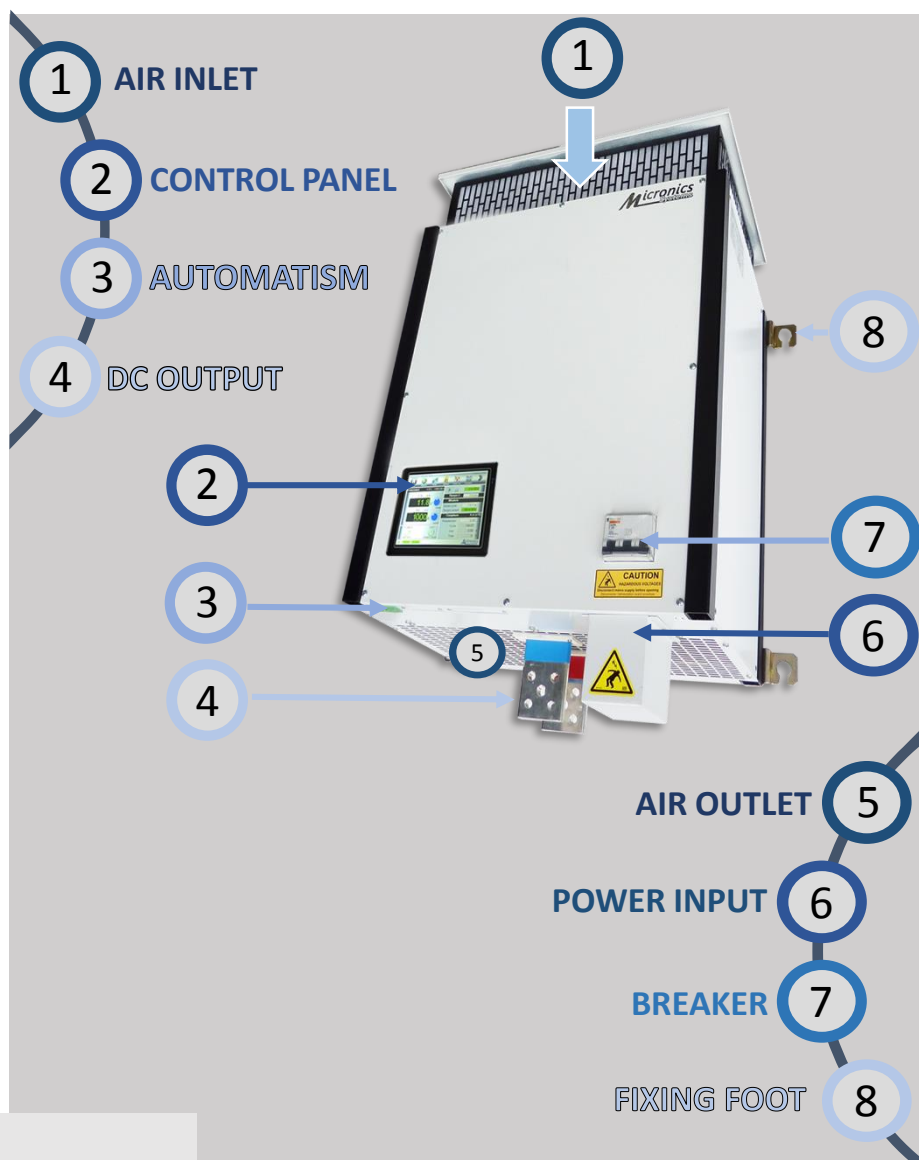
Voltage	400Vac TRI +/- 10% without neutral + PE
Frequency	50 / 60 Hz
Power factor	> 0,98

DC Output

Power	25 kW
Voltage	0 to 100V
Current	0 to 2500 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:

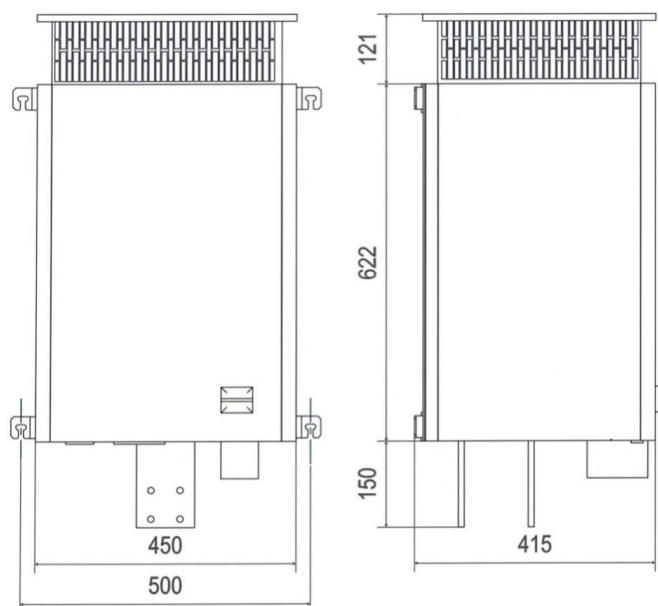
- U and I Inputs/Outputs
- 0-10V or 4-20 mA isolated 1500 Vrms

A-h T.J.P Counter

Polarity Inverter

Tension or Intensity Ramp

Timer



Dimensions

Width : 450 mm | Height : 740 mm | Depth : 415 mm