

SIEMENS Simcenter™ Micred™ Power Booster 240A 11V Technical Specifications

Powering Capabilities		Sensor Current Output Capabilities	
Max. Total Heating Current	10.240 A	Min. I_s *** Output per Channel	5 mA
Number of Heating Channels	1	Max. I_s *** Output per Channel	1 A
Heating Current Resolution	15 mA	I_s *** Programming Resolution	0.5 mA
Heating Current Accuracy	0.2% set + 240 mA	I_s *** Programming Accuracy	0.5% set + 0.125% range
Switch-on Time	50 ms	***Sensor current	
Switch-off Time	100 ms	External Power Requirements	
V_{CE} *Voltage	0..11V	Japan / USA	85~265 VAC continuous, 47~63 Hz single phase max. 21 A + 21 A + 2 A
V_{GE} ** Voltage	-10V...+20V	Worldwide	85~265 VAC continuous, 47~63 Hz single phase max. 11 A + 11 A + 1 A
V_{GE} ** Voltage Resolution	0.01 V	Environmental restrictions	
V_{GE} ** Voltage Accuracy	0.5% set + 0.25% range	Operating Temperature Range	-10..+50 °C
Number of V_{GE} ** sources	4	Operating Relative Humidity	30..90% (noncondensing)
		Storage Temperature Range	-30..+85 °C
		Storage Relative Humidity	10..95% (noncondensing)

*Collector Emitter voltage

**Gate Emitter voltage

General Specifications		
Control PC (not included)	PC requirements:	<ul style="list-style-type: none"> • 1 GHz or faster CPU • 1 GB RAM • 1 GB available hard disk space • Video adapter and monitor with 1024 x 768 or higher resolution • Windows 7 or XP SP3 OS • USB ports for hardware control
Physical Characteristics	Dimensions (L x W x H)	540 mm x 495 mm x 315 mm (including two power supply units)
	Weight	34.6kg (including 2xPSU)