

SIEMENS Simcenter™ Micred™ Power Booster 240A 11V

Technical Specifications

Powering Capabilities	
Max. Total Heating Current	10..240 A
Number of Heating Channels	1
Heating Current Resolution	15 mA
Heating Current Accuracy	0.2% set + 240 mA
Switch-on Time	50 ms
Switch-off Time	100 ms
V _{CE} [*] Voltage	0..11V
V _{GE} ^{**} Voltage	-10V...+20V
V _{GE} ^{**} Voltage Resolution	0.01 V
V _{GE} ^{**} Voltage Accuracy	0.5% set + 0.25% range
Number of V _{GE} ^{**} sources	4

^{*}Collector Emitter voltage

^{**}Gate Emitter voltage

Sensor Current Output Capabilities	
Min. I _s ^{***} Output per Channel	5 mA
Max. I _s ^{***} Output per Channel	1 A
I _s ^{***} Programming Resolution	0.5 mA
I _s ^{***} Programming Accuracy	0.5% set + 0.125% range

^{***}Sensor current

External Power Requirements	
Japan / USA	85~265 VAC continuous, 47~63 Hz single phase max. 21 A + 21 A + 2 A
Worldwide	85~265 VAC continuous, 47~63 Hz single phase max. 11 A + 11 A + 1 A

Environmental restrictions	
Operating Temperature Range	-10..+50 °C
Operating Relative Humidity	30..90% (noncondensing)
Storage Temperature Range	-30..+85 °C
Storage Relative Humidity	10..95% (noncondensing)

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 × W × H)	540 mm × 495 mm × 315 mm (including two power supply units)
	Weight	34.6kg (including 2xPSU)