



HSEureg10001 Lab Power Supply DIN-Rail, 5W/CUI

- Cost effective 1000W voltage 0-Vmax programmable laboratory power supply
- Multifunctional analogue Interface 0-10V/0-20mA
- Remote Shutdown
- Sensing
- Perfect C/V characteristic

HSEureg10001

Model	HSEureg10001					
Power	1008W					
Nominal Input	115/230Vac select					
Input Range AC	90..115Vac/184..265Vac					
Input Range DC	250... 375Vdc					
Input Frequency	47... 63Hz					
Hold-Up Time	30ms					
Inrush Current Protection	NTC < 81A (recommended MCB=C16A)					
Autostart	Soft start 100ms					
Programmable Output Voltage	0-15V	0-30V	0-50V	0-90V	0-130V	0-180V
Continuous Current (fix)	50A	33A	20A	11,2A	7,8A	5,6A
Ripple & Noise mVss	50mV	50mV	100mV	200mV	250mV	250mV
Powerboost	55A	36,8A	22A	12,3A	8,6A	8,1A
Stability at Load Switch	±0,5%					
Transient Time	< 1ms					
Efficiency	90%					
Basic Load	Idling-proof					
Short Circuit Protection	Continuous					
Ambient Operating Temperature	-20°C... +70°C					
Cooling	Natural convection & controlled fan from Papst					
Temperature Monitoring	Yes					
Dimensions (WxHxD)	200x156x114,5mm					
IP-Range	IP20					
Safety IEC	EN60950-1 EN50178 EN60204-1					
Safety Class 1(A)	VDE0100 VDE0805					
Input to Output Isolation	3000Vac					
Climatic Class, Humidity	3k3, 95% non condensing					
EMI	EN55022B					
EMS	EN61000-6-2,3					
MTBF IEC61709	400000h					
Programming Interface Voltage	0... 10Vdc, 0-20mA					
Programming Interface Current	No					
Monitoring Interface Voltage	No					
Monitoring Interface Current	No					
Power Good Relay	No					
Sense Operation	Yes					
Remote Shutdown	Yes					
Reference Voltage	No					
Options	see data sheet					