



CPS-i1500 Laboratory Power Supply DIN-Rail, 7.2W/CUI

- 1500W C/V programmable High Density Laboratory Power Supply scalable for test bench
- Multifunctional analogue Interface 0-5V/0-10V/0-20mA/4-20mA
- Real Time Monitoring

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CPS-i1500

Model	CPS-i1500						
Power	1500W						
Nominal Input	230Vac sselect						
Input Range AC	184...265Vac						
Input Range DC	250... 375Vdc						
Input Frequency	47... 63Hz						
Hold-Up Time	20ms						
Inrush Current Protection	9,8Aeff / 13,8Apeak active limiter $\pm 6\%$						
Autostart	Soft start						
Programmable Output Voltage	0-18V	0-30V	0-60V	0-90V	0-150V	0-300V	0-400V
Programmable Output Current	0-75A	0-62A	0-31A	0-21A	0-12,5A	0-6,3A	0-4,7A
Ripple & Noise mVss	40mV	40mV	120mV	150mV	200mV	300mV	400mV
Stability at Load Switch	$\pm 0,2\%$						
Transient Time	< 1ms						
Efficiency	90%						
Basic Load	Idling-proof						
Short Circuit Protection	Continuous						
Ambient Operating Temperature	-20°C... +70°C						
Cooling	Controlled stepless fan from EBM Papst (Germany)						
Temperature Monitoring	Yes						
Dimensions (WxHxD)	250x156x114,5mm						
IP-Range	IP20						
Safety Norms	CSA UL CE according to IEC60950-1						
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... 5Vdc, 0... 10Vdc, 0-20mA, 4-20mA						
Programming Interface Current	0... 5Vdc, 0... 10Vdc, 0-20mA, 4-20mA						
Monitoring Interface Voltage	0... 5Vdc, 0... 10Vdc						
Monitoring Interface Current	0... 5Vdc, 0... 10Vdc						
Power Good Relay	Yes						
Sense Operation	yes						
Remote Shutdown	yes						
Reference Voltage	yes						
Inhibit Contact	yes						
Ordering Options	Protective coating Power Sink Module Protected Inhibit Module acc. with SIL03						
Options	Isolating transformer for analogue interface, USB2.0 interface with software						