

HSE 120 Series

AC/DC 120W Din Rail 12V 24V 36V 48V 60V 72V 110V



HSE01201

- DIN-Rail 1phase Fixed Output TS35mm DIN EN 50022
- Ideal vertically C/V chart for complex loads

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HSE01201

Model	HSE01201						
Power	120W						
Nominal AC 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 < 16A						
Autostart	Soft start						
Output Voltage	12V	24V	36V	48V	60V	72V	110V
Adjust Range Vout	11,4..13,2V	22,5... 28,5V	34,2V... 39,6V	45,6... 42,8V	57... 66V	68... 86V	100... 120V
Ripple & Noise mVpp	50mV	65mV	65mV	100mV	120mV	120mV	200mV
Nominal Output Current	8A	5A	3,3A	2,5A	2A	1,7A	1,1A
Power Boost <=60°C/60s	9,6A	6A	4A	3A	2,4A	2A	1,3A
Stability at Load Switch	±0,5%						
Transient Time	< 1ms						
Efficiency	91%						
Basic load	Idling-proof						
Short Circuit Protection	Continuous						
Ambient Operation Temperature	-20°C... +70°C						
Cooling	Natural convection						
Temperature Monitoring	Upon request						
Dimensions (WxHxD)	50x124x96mm						
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, 90% non condensing						
EMI	EN55022B EN61000-3-2A						
EMS	EN61000-6-2,3						
MTBF IEC61709	600000h						
Power Good Relay	galvan. insulated 60Vdc						
Ordering options	Protective coating						
Options	See datasheet						