



HSE03201LIRC

- DIN-Rail Power Supply 1phase fix output TS35mm DIN EN 50022
- Active Inrush Current Protection
- Temperature Control
- Clean C/V chart without foldback, ideal for dc drives and dc-UPS

HSE03201LIRC

Model	HSE03201LIRC							
Power	320W							
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	10,6Aeff / 15Apeak active protection $\pm 6\%$							
Autostart	Soft start 20ms							
Output Voltage	5V	12V	15V	24V	36V	48V	60V	
Adjust Range Vout	5,0...9,0V	11,4... 14,4V	14,2... 18V	22,5... 28,5V	34,2... 43,2V	45,6... 57,6V	57... 72V	
Ripple & Noise mVpp	30mV	30mV	30mV	20mV	30mV	50mV	50mV	
Nominal Output Current	18A	18A	17A	13,5A	8,9A	6,7A	5,4A	
Power Boost $\leq 60^{\circ}\text{C}/60\text{s}$	21,6A	21,6A	20,4A	16,2A	10,7A	8A	6,5A	
Stability at Load Switch	$\pm 0,5\%$							
Transient Time	< 1ms							
Efficiency	91%							
Basic load	Idling-proof							
Short Circuit Protection	Continuous							
Ambient Operation Temperature	$-20^{\circ}\text{C}... +70^{\circ}\text{C}$							
Cooling	Natural convection							
Temperature Monitoring	Yes							
Dimensions (WxHxD)	120x124x96mm							
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							
EMS	EN61000-6-2,3							
MTBF IEC61709	600000h							
Power Good Relay	Galvanic insulated 60Vdc							
Features	Low Inrush Current Limiter							
Options	See datasheet							