



HSR03201LIRC Redundant O-Ring

- 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
- Redundant Power Supply
- Built in O-ring diode

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HSR03201LIRC Redundant

Model	HSR03201LIRC Redundant		
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	40ms		
Inrush Current Protection	10,6Aeff / 15Apeak active protection $\pm 6\%$		
Autostart	Soft start 20ms		
Output Voltage	24V	48V	60V
Adjust Range Vout	22,5... 28,8V	45,6... 52,8V	57... 66V
Ripple & Noise mVpp	20mV	50mV	50mV
Nominal Output Current	13,5A	6,7A	5,4A
Power Boost $\leq 60^{\circ}\text{C}/60\text{s}$	16,2A	8A	6,5A
Stability at Load Switch	$\pm 0,3\%$	$\pm 0,1\%$	$\pm 0,1\%$
Transient Time	$< 1\text{ms}$		
Efficiency	91%		
Basic load	Idling-proof		
Short Circuit Protection	Continuous		
Ambient Operation Temperature	$-20^{\circ}\text{C} \dots +70^{\circ}\text{C}$		
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, 95% non condensing		
EMI	EN55022B		
EMS	EN61000-6-2,3		
MTBF IEC61709	600000h		
Power Good Relay	Yes		
Features	Built-in redundant O-ring diode, low inrush current		
Ordering options	Protective coating		
Options	See datasheet		