



HSD04801

- DIN-Rail Power Supply 3phase fix output TS35mm DIN EN 50022
- Active Inrush Current Protection
- Active PFC
- Temperature Control
- Clean C/V chart without foldback, ideal for dc drives and dc-UPS

HSD04801

Model	HSD04801			
Power	480W			
Nominal AC Input	3PH 400... 500Vac			
Input Range AC	3PH 340... 575Vac			
Input Range DC	450... 820Vdc			
Input Frequency	47... 63Hz			
Hold-Up Time	12ms			
Inrush Current Protection	3,5Aeff / 5Apeak active protection $\pm 6\%$			
Autostart	Soft start 5ms			
Output Voltage	24V	36V	48V	60V
Adjust Range Vout	22,5... 28,5V	32,8... 38V	45,6... 52,8V	57... 66V
Ripple & Noise mVpp	50mV	100mV	100mV	120mV
Nominal Output Current	20A	13,3A	10A	8A
Power Boost $\leq 60^\circ\text{C}/60\text{s}$	24A	16A	12A	9,6A
Stability at Load Switch	$\pm 0,5\%$			
Transient Time	< 1ms			
Efficiency	92,50%			
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)	150x130x114,5mm			
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	600000h			
Power Good Relay	Yes			
Features	PFC, 2phase Operation			
Options	See datasheet			