



HPW02401

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

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HPW02401

Model	HPW02401					
Power	240W/312W					
Nominal AC Input	100... 240Vac					
Input Range AC	90... 265Vac					
Input Range DC	120... 375Vdc					
Input Frequency	47... 63Hz					
Hold-Up Time	40ms					
Inrush Current Protection	5A _{eff} / 7A _{peak} electronic protection $\pm 6\%$					
Autostart	Soft start / Soft start 50ms					
Output Voltage	12V	24V	36V	48V	60V	72V
Adjust Range Vout	9... 18V	18... 30V	30... 43V	43... 53V	53... 72V	68... 86V
Ripple & Noise mVpp	30mV	30mV	60mV	50mV	50mV	60mV
Nominal Output Current 40°/60°C	15/19A	10/13A	6,7/8,7A	5/6,8A	4.0/5.2A	3,3/4,3A
Power Boost $\leq 60^\circ\text{C}/60\text{s}$	18A	12A	8A	6A	5,,2A	4,3A
Stability at Load Switch	$\pm 0,5\%$	$\pm 0,2\%$	$\pm 0,2\%$	$\pm 0,2\%$	$\pm 0,2\%$	$\pm 0,2\%$
Transient Time	< 1ms					
Efficiency	0,92					
Basic load	Idling-proof					
Short Circuit Protection	Continuous					
Ambient Operation Temperature	-20°C... +70°C					
Cooling	Natural convection					
Temperature Monitoring	yes					
Dimensions (WxHxD)	75x130x115mm					
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, 90% non condensing					
EMI	EN55022B					
EMS	EN61000-6-2,3					
MTBF IEC61709	500000h					
Power Good Relay	Yes					
Remote Shutdown	Yes					
Features	Active PFC					
Ordering options	Protective coating					
Options	See datasheet					