



HSE10001

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

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HSE10001

Model	HSE10001				
Power	1008W				
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	< 81A				
Autostart	Soft start 100ms				
Output Voltage	12V	15V	24V	36V	48V
Adjust Range Vout	11,4... 14,4V	14,2... 18V	22,8... 28,8V	34,2... 43,2V	45,6... 52,8V
Ripple & Noise mVpp	50mV	50mV	50mV	100mV	120mV
Nominal Output Current	50A	50A	42A	28A	21A
Power Boost <=60°C/60s	55A	55A	46,2A	31A	23A
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 & controlled fan from Papst				
Temperature Monitoring	Yes				
Dimensions (WxHxD)	200x156x114,5mm				
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	500000h				
Power Good Relay	Galvanic insulated 60Vdc				
Options	See datasheet				