



HSD10001 1000W 3PH DIN-Rail

- 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
- Remote Shutdown

HSD10001

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|---------------------------------|--|------------|------------|------------|------------|------------|
| Model | HSD10001 | | | | | |
| Power | 960W-1080W | | | | | |
| Nominal AC Input | 3x 400-500Vac / 3x 400-500Vac (75% power) | | | | | |
| Input Range AC | 3x 340-575Vac / 3x 340-575Vac (75% power) | | | | | |
| Input Range DC | 450-820Vdc | | | | | |
| Hold-Up Time | 12ms | | | | | |
| Inrush Current Protection | 14,2Aeff / 20Apeak active protection \pm 6% | | | | | |
| Autostart | Soft start | | | | | |
| Output Voltage | 12V | 24V | 36V | 48V | 60V | 72V |
| Adjust Range Vout | 10,0-15,0V | 22,5-28,5V | 32,0-43,0V | 43,0-53,0V | 53,0-72,0V | 68,0-86,0V |
| Ripple & Noise mVpp | 50mV | 50mV | 80mV | 100mV | 100mV | 150mV |
| Nominal Output Current 60°/40°C | 50/55A | 40/44A | 28/31A | 21/23A | 17/18A | 14/15A |
| Efficiency | 90% | | | | | |
| Basic load | Idling-proof | | | | | |
| Short Circuit Protection | Continuous | | | | | |
| Cooling | Natural convection | | | | | |
| Dimensions (WxHxD) | 200x131,5x120,8mm | | | | | |
| Safety Standards | EN61010-1, EN6101-2-201, EN62368-1, EN60204-1, EN60950-1 | | | | | |
| Input to Output Isolation | 3000Vac | | | | | |
| EMI | EN55032 class B, EN61000-6-3, EN61000-3-2 | | | | | |
| EMS | EN61000-6-2 | | | | | |
| MTBF | 500.000h | | | | | |
| Power Good Relay | Yes | | | | | |
| Remote Shutdown | Yes | | | | | |