



PSM02202

- Rack Mount 1phase Fixed Output
- Active inrush current protection
- 8KV surge

PSM02202

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|--|---|-------|-----------------------|
| Model | PSM02202 | | |
| Power | 220W | | |
| Nominal Input Voltage | 230Vac | | |
| Input Range AC | 184... 264Vac | | |
| Input Range DC | 250... 300Vdc | | |
| Input Frequency | 47... 63Hz | | |
| Hold-Up Time | 50ms | | |
| Inrush Current Protection | < 24Apeak / 17Arms active protection $\pm 6\%$ | | |
| Autostart | Soft start 20ms | | |
| Output Voltage U1 | + 12V | + 15V | |
| Output Voltage U2 | - 12V | - 15V | |
| Output Voltage U3 | + 24V | + 30V | U1 and U2 connectable |
| Ripple & Noise mVss U1 | 15mV | 15mV | |
| Ripple & Noise mVss U2 | 15mV | 15mV | |
| Ripple & Noise mVss U3 | 30mV U1 and U2 connectable | | |
| Output Current I1 | 12A | 10A | |
| Output Current I2 | 12A | 10A | |
| Output Current I3 | 9,2A | 7,3A | U1 and U2 connectable |
| Power Boost $\leq 60^{\circ}\text{C}/60\text{s}$ | 264W | | |
| Stability at Load Switch | $\pm 1\%$ | | |
| Transient Time | < 1ms | | |
| Efficiency | 91% | | |
| Basic Load | Idling-proof | | |
| Short Circuit Protected | Continuous | | |
| Ambient Operating Temperature | $-20^{\circ}\text{C} \dots +70^{\circ}\text{C}$ | | |
| Cooling | Natural Convection | | |
| Temperature Monitoring | Yes | | |
| Dimensions (WxHxD) | 3U 8HP 160mm | | |
| IP-Range | IP20 | | |
| Safety IEC | EN60950-1 EN50178 EN60204-1 | | |
| Safety class 1(A) | VDE0100 VDE0805 | | |
| Input to Output Insulation | 3000Vac | | |
| Climatic Class, Humidity | 3k3, 90% non condensing | | |
| EMI | EN55022B EN61000-3-2A | | |
| EMS | EN61000-6-2,3 | | |
| MTBF IEC61709 | 450000h | | |
| Remote Shutdown | Yes | | |
| Features | 8KV/2.5kHz input transient protection | | |
| Ordering options | Protective coating | | |
| Options | See datasheet | | |