



PSM00803

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

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PSM00803

Model	PSM00803	
Power	80W	
Nominal Input Voltage	100... 240Vac	
Input Range AC	90... 265Vac	
Input Range DC	110... 300Vdc	
Input Frequency	47... 63Hz	
Hold-Up Time	100ms	
Inrush Current Protection	< 24Apeak / 17Arms active protection $\pm 6\%$	
Autostart	Soft start 100ms	
Output Voltage U1	+ 5V	+ 5V
Output Voltage U2	+ 12V	+ 15V
Output Voltage U3	- 12V	- 15V
Adjust Range U1	4,85... 5,15V	4,85... 5,15V
Ripple & Noise mVpp U1	20mV	20mV
Ripple & Noise mVpp U2	10mV	10mV
Ripple & Noise mVpp U3	10mV	10mV
Output Current I1	8A	8A
Output Current I2	2A	1,8A
Output Current I3	2A	1,8A
Power Boost $\leq 60^\circ\text{C}/60\text{s}$	96W	
Power Fail	yes	
Stability at Load Switch	$\pm 1\%$	
Transient Time	< 1ms	
Efficiency	83%	
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	250000h	
Features	8KV/2.5kHz Input transient protection / power fail	
Ordering options	Protective coating	
Options	see Datasheet	