



## PSR01801 Redundant O-RING N+1

- Rack Mount 1phase Fixed Output
- Active inrush current protection
- Option Line Switch
- Redundant N+1
- Built-in O-ring diode
- PSR01801S with AC mains switch

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## PSR01801 Redundant O-RING

Model	PSR01801				
Output power continuous	180W				
Nominal input voltage	100... 240Vac				
Input range AC	85... 265Vac				
Input range DC	250... 375Vdc				
Input frequency	47... 63Hz				
Hold-Up time	50ms				
Inrush current protection	< 24Apeak / 17Arms aktive protection ±6%				
Auto-start	Soft start 40ms				
Output voltage U1	5V	12V	24V	48V	60V
Adjust range U1	5... 5,5V	12... 15V	24... 30V	42... 53V	53... 70V
Ripple mVss U1	25mV	25mV	20mV	50mV	50mV
Output nominal current I1	25A	15A	7,5A	3,8A	3A
Power Boost <=60°C/60s	30A	18A	9A	4,6A	3,6A
Stability at Load Switch	±3%	±1%	±1%	±1%	±1%
Transient Time	< 1ms				
Efficiency	90%				
Basic Load	Idling-proof				
Short Circuit Protected	Continuous				
Ambient Operating Temperature	-20°C... +60°C				
Cooling	Natural convection				
Temperature Monitoring	Yes				
Dimensions (WxHxD)	3U 10HP 220mm				
IP-Range	IP20				
Safety Norms	CSA UL CE according to IEC60950-1				
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	300000h				
Power Good Relay	Yes				
Features	redundant decoupling O-ring diodes				
Ordering options	Protective coating / line switcher				
Options	See datasheet				