



## 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





## 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 active protection $\pm 6\%$		
Auto-start	Soft start 40ms		
Output voltage U1	24V	48V	60V
Adjust range U1	24... 30V	42... 53V	53... 70V
Ripple mVss U1	20mV	50mV	50mV
Output nominal current I1	7,5A	3,8A	3A
Power Boost $\leq 60^{\circ}\text{C}/60\text{s}$	9A	4,6A	3,6A
Stability at Load Switch	$\pm 1\%$	$\pm 1\%$	$\pm 1\%$
Transient Time	< 1ms		
Efficiency	90%		
Basic Load	Idling-proof		
Short Circuit Protected	Continuous		
Ambient Operating Temperature	$-20^{\circ}\text{C} \dots +60^{\circ}\text{C}$		
Cooling	Natural convection		
Temperature Monitoring	Yes		
Dimensions (WxHxD)	3U 10HP 220mm		
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	300000h		
Power Good Relay	Yes		
Features	redundant decoupling O-ring diodes		
Ordering options	Protective coating / line switcher		
Options	See datasheet		