



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# 3-phase Power Supply

## Key Features

- Switching Power Supply
- 480W Output Power
- Wide Input Voltage Range:
  - 320 – 575V AC (3-phase operation)
  - 360 – 575V AC (2-phase operation)
- Output: 24V DC, 20A
- Overcurrent and Overvoltage Protection
- DIN-rail mount
- RoHS Compliant
- Approvals:
  - CE Marked
  - UL 508 Listed
  - UL 60950-1 Recognized
  - EN60204, EN61558-2-17, EN60950, EN61000-3-2
  - DIN VDE 0100-410, DIN VDE 0106-1010, DIN 57100-410, DIN VDE 0106-101



## Specifications

Part Number		PSSR-TJ24	
Output Capacity		480W	
Input	Input Voltage	3-phase	320 - 575V AC
		2-phase	360 - 575V AC
	Input Current (maximum)	400V AC	3 x 1.1A
		480V AC	3 x 0.8A
	Frequency	45Hz - 65Hz	
	Inrush Current (cold start)	21A max	
	Leakage Current (at no load)	<3.5mA	
Typical Efficiency	91%		
Output	Output Current Rating	20A	
	Voltage Adjustment	22.5 - 29.5V	
	Output Holding Time	10ms typical	
	Starting Time	1s	
	Line Regulation (static)	1.0% max	
	Load Regulation (dynamic)	2.0% max	
	Ripple Voltage	< 10mVpp	
	Overcurrent Protection	125%, auto reset	
	Overvoltage Protection	35V DC max	
	Operation Indicator	LED (green)	
Parallel Operation		Yes	
Insulation Resistance	Input / Output	2kV AC	
	Input / Ground	2kV AC	
	Output / Ground	500V DC	
Operating Temperature		-25 to +70°C	
Storage Temperature		-40 to +85°C	
Operating Humidity		95% max (at 25°C, no condensation)	
Vibration Resistance		<15Hz amplitude +/- 2.5mm in accordance with IEC 60068-2-6 15 to 150Hz, 2.3g, 90 min.	
Shock Resistance		30g in all directions in accordance with IEC 60068-2-27	
Standards & Approvals		EN55011 (Class B), EN61000-3-2, EN61000-3-3, EN55024, EN61000-6-2, IEC61000-4-2,3,4,5,6,11, UL 508 (listed), UL 60950-1 (Recognized)	



## Specifications con't

Harmonic Directive	EN 61000-3-2
Weight (approx.)	approx. 2kg
Connection	Screw terminals
IP protection	IP20
Dimensions H x W x D (mm)	130 x 115 x 152.5
Dimensions H x W x D (inches)	5.12 x 4.53 x 6.00

## Accessories

Item	Description	Part Number
	DIN rail (1000mm)	BNDN1000
	DIN rail end clip	BNL6

## Dimensions (mm)

