



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			PS5R-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)



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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)

