

INDUSTRIAL POWER SUPPLIES



PDR120 Series 120 Watts DIN Rail Power Supplies

www.powersolve.co.uk

FEATURES:

- Universal AC Input
- Convection Cooled
- Short Circuit Protection with Auto Recovery
- Optional Redundant Function & Power Ready Signal
- Optional Intelligent Memory displaying Voltage, Current, Temperature & Running Time on Front Panel Display
- Active Power Factor Correction



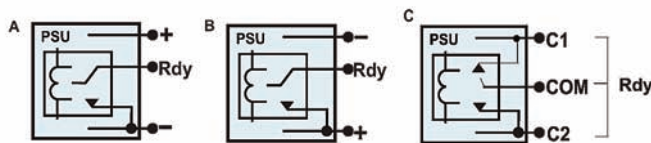
Electrical Specification

Input:	90-264VAC, 127-380VDC
Input Frequency:	47-63Hz
Output Voltage & Current:	See table
Output Adjustment:	+/-10%
Ripple & Noise:	See table
Load Regulation:	±1% 20-100% rated load
Line Regulation:	±1% low line to high line at rated load
Hold Up Time:	16mS
Output Protection:	Over current and over voltage protection with auto recovery
Operating Temperature:	-15°C to +70°C Ambient (derate linearly above 50°C to 50% load at 70°C)
Operating Humidity:	5-95% Relative Humidity (Non Condensing)
Vibration:	2G, 10-500Hz, 3 axes
Safety Approvals:	UL/cUL1950, CE Marking
EMI/EMC:	EN55022'B', EN61000-3-2, EN61000-3-3, EN61000-4-2,-4-3,-4-4,-4-5,-4-6,-4-8,-4-11 EN55024
Mechanical:	Enclosure measures (mm) 90W x 110D x 100H
Connectors:	PCB Barrier Block (T) or Mini Disconnectable Terminal Block (E)
Options:	Redundant Function & Power Ready Signal

Output Voltage & Current Ratings

Model	Output Voltage	Output Current	Ripple & Noise (pk-pk)	Efficiency (min)
PDR120-12	12V DC	10.00A	100mV	73%
PDR120-24	24V DC	5.00A	150mV	75%
PDR120-48	48V DC	2.50A	250mV	76%

Ready Connection:



- A: Non-display PSU, Rdy Internal Connection of T Type Terminal Block
 B: Non-display PSU, Rdy Internal Connection of E Type Terminal Block
 C: Display PSU, Rdy Internal Connection

Options:

Add following suffix after part numbers for options

- T = Barrier Terminal Block
 E = Mini Disconnectable Terminal Block
 R = Redundant Function & Power Ready