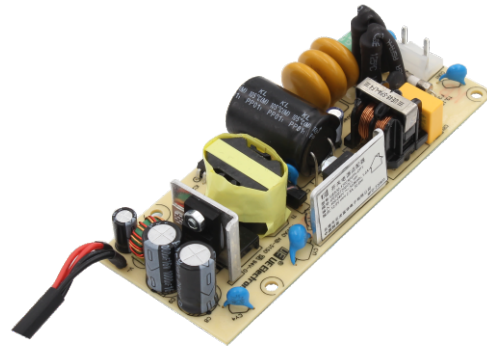


PLC Built in Power Board DPS30-SPA-OP1 Series

Features

- ◆ AC input voltage range 90-264VAC
- ◆ Protections against: short circuit/over current/over voltage
- ◆ Meets 6KV surge immunity
- ◆ Energy efficiency level VI



DPS30-SPA-OP1

Input Voltage Range	90-264VAC	Operating Temperature	-10~55℃
Input Current	1.0A	Storage Temperature	-20~60℃
Average Efficiency	Energy efficiency level VI	Operating Humidity	10% to 90% non condensing
Output Voltage Tolerance	±5%	MTBF	100,000 hours at full load at 25℃ ambient, calculated per MIL-HDBK-217F
Standby Power	0.1W Max		
Safety Standard	Meets CCC(GB4943.1)		
Weight	105g	Dimensions	115.0mm (L); 46.0mm (W); 29.0mm (H)
Applications	ITE		

Output data (DPS30-SPA-OP1)

Model	Voltage (V)	Current (A)	Ripple (mV)	VI	Av. Eff. (%) Min
DPS30-120YYYSPA-OP1	12.0	0.10-2.50	120	Y Y	86.95

YYY:001-250 stands for current 0.10-2.50A

Standard

EMC standard	EN55032/CISPR32;EN55035/CISPR35;
Conduction & Radiation	EN55032/CISPR32; Class B
Harmonic Currents	IEC/EN 61000-3-2 Class A
Voltage Flicker	IEC/EN 61000-3-3
ESD	IEC/EN 61000-4-2 ±8KV Air, ±6KV Contact Class B
Radiated Immunity	IEC/EN 61000-4-3 10V/m Class A
EFT/Burst	IEC/EN 61000-4-4 ±2KV Class B
Surge	IEC/EN 61000-4-5 ±6KV DM, ±6KV CM
Conducted Immunity	IEC/EN 61000-4-6 10Vrms Class A
Dips & Interruptions	IEC/EN 61000-4-11 100%, 70%, 100% of UT