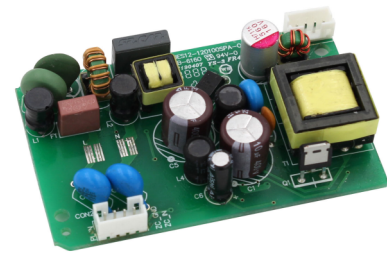


PLC Built in power board UES12-SPA-OP

Features

- ◆ Wide range of AC input voltage 90-264VAC
- ◆ Protections against: short circuit/over current/over voltage
- ◆ Meets 4KV surge immunity
- ◆ Meets energy star level VI & CoC V5 Tier 2(2016)
- ◆ PLC power line carrier communication ;
- ◆ Electromagnetic compatibility performance excellent:
CE margin 12dB above, RE margin 6dB above;

UES12-SPA



Input Voltage Range	90-264VAC	Operation Temperature	-10~70°C
Input Current	500mA	Storage Temperature	-40~70°C
Average Efficiency	Meets energy star level VI & CoC V5 Tier 2(2016)	Humidity	5% to 95% non condensising, Meets 5000m Elevation
Output Voltage Range	±5%	MTBF	100,000 hours at full load at 25°C ambient, calculated per MIL-HDBK-217
Standby Power	0.075W		
Safety Standard	CB; IEC60950; IEC60065; EN62368		
Weight	43g	Dimensions	70.0mm (L) ; 44.0mm (W) ; 16.9mm (H)
Applications	PLC power line carrier communication and ITE Equipment		

Output data (UES12-SPA-OP)



Model	Voltage (V)	Current (A)	Ripple (mV)	① 115 230	Av. Eff. (%) Min
UES12-120YYYSPA-OP	12.0	0.1-1.0	120	Y Y	83.26

Standard

EMC standard	EN55032/CISPR22; EN55024/CISPR24
Conducted & Radiated	EN55032/FCC Part 15 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, ±4kV Contact
Radiated Immunity	IEC/EN 61000-4-3 3V/m
EFT/Burst	IEC/EN 61000-4-4 ±2kV
Surge	ITU-T K.21/IEC/EN 61000-4-5 ±4KV diff. mode, ±4KV common Mode
Conducted Immunity	IEC/EN 61000-4-6 3Vrms
Dips & Interruptions	IEC/EN 61000-4-11 0%, 70%, 0% of UT

YYY:010-100 Stangds for current 0.10-1.00A.