

PLC Built in Power Board UES12-SPA-OP

Features

- ◆ AC input voltage range 90-264VAC
- ◆ Protections against: short circuit/over current/over voltage
- ◆ Energy efficiency level VI
- ◆ CE margin>12dB, RE margin>6dB



UES12-SPA-OP

Input Voltage Range	90-264VAC	Operating Temperature	-10~70°C
Input Current	0.5A	Storage Temperature	-40~70°C
Average Efficiency	Energy efficiency level VI	Operating Humidity	5% to 95% non condensing, Meets 5000m Elevation
Output Voltage Tolerance	±5%	MTBF	100,000 hours at full load at 25°C ambient, calculated per MIL-HDBK-217
Standby Power	0.075W MAX		
Safety Standard	CB(IEC62368-1)		
Weight	43g	Dimensions	70.0mm (L) ; 44.0mm (W) ; 16.9mm (H)
Applications	PLC equipment and ITE		

Output data (UES12-SPA-OP)

CB

Model	Voltage (V)	Current (A)	Ripple (mV)	VI	Av. Eff. (%) Min
UES12-120YYYSPA-OP	12.0	0.01-1.00	120	Y Y	83.26

Standard

EMC standard	EN55032/CISPR22; EN55024/CISPR24
Conduction & Radiation	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 DM, ±4KV CM
Conducted Immunity	IEC/EN 61000-4-6 3Vrms
Dips & Interruptions	IEC/EN 61000-4-11 0%, 70%, 0% of UT

YYY:001-100 stands for current 0.01-1.00A