

# POE Switching Power Adaptor POE54DZ-540100

## Features

- ◆ AC input voltage range 90-264VAC
- ◆ Protections against: short circuit/over current/over voltage
- ◆ Energy efficiency level VI
- ◆ Support 10Mbps/100Mbps/1G Ethernet transmission



PoE54DZ-540100

Input Voltage Range	90-264VAC	Operating Temperature	0~40°C
Input Current	1.5A MAX	Storage Temperature	-30~70°C
Output Voltage Tolerance	±5%	Operating Humidity	5% to 95% non condensing
MTBF	500,000 hours at full load at 25°C ambient, calculated per MIL-HDBK-217		
Safety Standard	CE(EN62368-1)		
Weight	205g	Dimensions	172.0mm (L) ; 62.0mm (W) ; 30.6mm (H)
Applications	ITE		

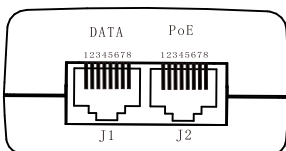
## Output data(POE54DZ)

Model	Voltage (V)	Current (A)	Ripple (mV)	VI 115 230	Av. Eff. (%) Min
PoE48DZ-480100	48.0	0.01-1.00	500	Y Y	87.77
PoE54DZ-540100	54.0	0.01-1.00	500	Y Y	88.0

## 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 ±10KV Air, ±6KV Contact
Radiated Immunity	IEC/EN 61000-4-3 3V/m
EFT/Burst	IEC/EN 61000-4-4 ±1KV
Surge	IEC/EN 61000-4-5 ±2KV Diff. mode, ±2KV Common. mode
Conducted Immunity	IEC/EN 61000-4-6 3Vr MS
Dips & Interruptions	IEC/EN 61000-4-11 0%, 70%, 0% of UT

## Pin Connections



J1 Pins		J2 Pins
1. Data Receive/Transmit	←→	1. Data + Power(+Vdc)
2. Data Receive/Transmit	←→	2. Data + Power(+Vdc)
3. Data Receive/Transmit	←→	3. Data + Power(-Vdc)
4. Data Receive/Transmit	←→	4. Data + Power(+Vdc)
5. Data Receive/Transmit	←→	5. Data + Power(+Vdc)
6. Data Receive/Transmit	←→	6. Data + Power(-Vdc)
7. Data Receive/Transmit	←→	7. Data + Power(-Vdc)
8. Data Receive/Transmit	←→	8. Data + Power(-Vdc)