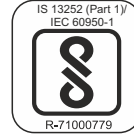




MRE[®]
Pioneering Power Supplies



PoE Injector PSE803 Manual

Overview :

PSE803 is single port Gigabit POE Power Sourcing Equipment,

With 2RJ45 port,one is Ethernet data input port,another is output port with power and data collect together.Because of the injector itself has no data switching exchange function,so it need to work with network switch.Mixed together with network switch's power and data,transmitted the power and data along to a remote receiving end through the network cable.This can solve the power line project layout constraints.The device can provide Ethernet devices comply with IEEE802.3af / at international standards POE powered applications,such as routers, switches, wireless AP, telephone network, Industrial network terminals, network cameras . Meet the needs of remote place without power or through Ethernet cable to power supply. To increase reliability and simplify of system installation for equipment, and provide efficient engineering solutions.

Key Features :

Power function: input overvoltage-undervoltage ,output overvoltage,every port output over current short circuit protection and so on.

· system reliability : MTBF > 100k hours

· conducted interference(CE)radiated interference(RE),Accord with EN55022、 CLASS B standard

lightning protection performance :

AC input , Under differential mode 2KV common mode 6KV , 8/20uS Instantaneous current wave

Positive and negative each five times ,every time interval 1 minute PSE control segment,bear differential mode 2KV,common mode 6KV,10/700uS instantaneous current wave .Positive and negative each five times,every time interval 1 minute ,power supply lightning protection circuit possess failure alarm function and protective tube and so on safety protection device.

Specification:

Model	PSE803
Input power	90-280VAC
Output power	46-52VDC
Dimensions	165mm*62mm*38.5mm
The network protocol, and compatible with the standard	IEEE802.3i 10 BASE-T, IEEE802.3i 100 BASE-TX, IEEE802.3x flow control, IEEE802.3af/IEEE802.3at,
PoE power	Each port maximum 30W Attention:12&36 Data transmission and power Cable: UTP cat.5 or higher
Transmission rate	store-and-forward
	100Mbps full duplex , 10 or 100Mbps half-duplex
	10/100/1000Mbps
Installation and Management	Plug and play installation Automatically detect all devices ,And to provide the output equipment
LED indicator	System:power
	Per port: Link,speed,PoE active
Operating temperature	0°C-40°C
Storage temperature	-10°C-70°C
Operating humidity	20%-85%
Certifications	CE/FCC/RoHs
Warranty	1 year