

Network Lightning / Surge Protector PoE Compatible

P/N : KWS-5E

Features :

- ✧ Shielded RJ45 jack and metal housing for EMI noise suppression.
- ✧ CAT5 / CAT5e compatible.
- ✧ Cast aluminum construction.
- ✧ Integral mounting feet.
- ✧ Bi-Directional Protection



Specifications :

✧ Operating Voltage	Data 5V PoE 48V
✧ Clamping Voltage	Data 7.5V PoE 70V
✧ Max. Surge Discharge Current	5KA (8/20uS)
✧ Peak Pulse Current	100A (10/1000uS)
✧ Pin Protected	All 8 pin protected
✧ Protection Mode	Differential & Common mode
✧ Insulation Impedance	> 1000Mohm
✧ Max. Shut Capacitance	Power < 2100pF Data < 25pF
✧ Data Rate	100Mbps
✧ Impulse Protected Voltage	< 650V
✧ Response Time	< 5nS
✧ Operating Temperature	-20°C ~ +60°C
✧ Storage Temperature	-40°C ~ +80°C
✧ Operating Humidify	0 ~ 95% non condensing
✧ Ground Lug Wire	16AWG
✧ Dimensions	82 x 25.4 x 25.4 mm (include bracket) 68 x 25.4 x 25.4 mm (main body)
✧ Weight	68g

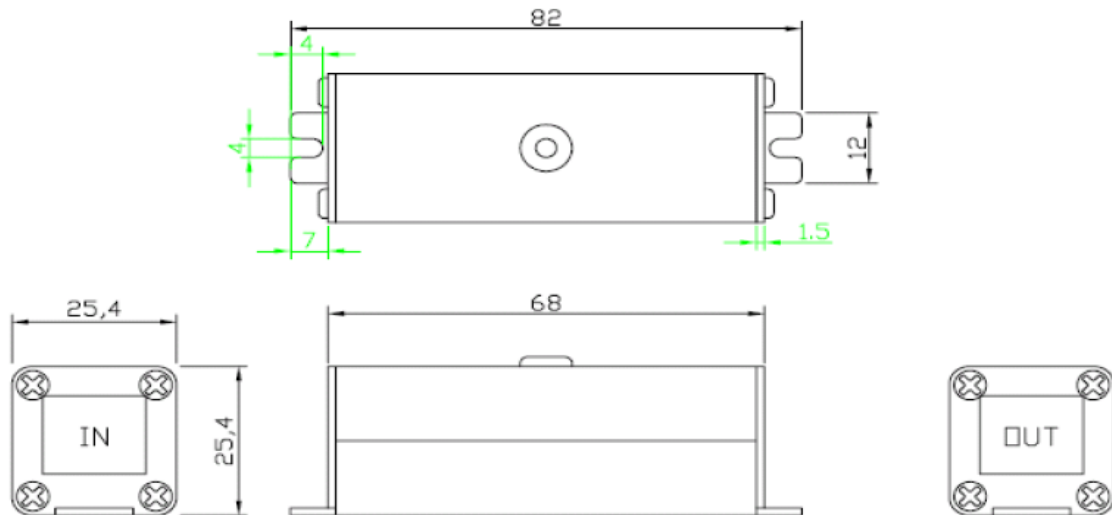
RJ45 Connected and Pin Out

Pin	RJ-45 Output (Data & Power)		RJ-45 Input (Data Only)	
	Symbol	Description	Symbol	Description
1	Rx+	Data Receive	Rx+	Data Receive
2	Rx-	Data Receive	Rx-	Data Receive
3	Tx+	Data Transmit	Tx+	Data Transmit
4	-Vdc	Feeding power(+)	-Vdc	Not Connected
5	-Vdc	Feeding power(+)	-Vdc	Not Connected
6	Tx-	Data Transmit	Tx-	Data Transmit
7	-Vdc_return(+)	Feeding power(-)	-Vdc_return(+)	Not Connected
8	-Vdc_return(+)	Feeding power(-)	-Vdc_return(+)	Not Connected

Pin 4,5 / 7,8 is POE Supply 48V Output .

Pin 1,2 / 3,6 is POE Data Output.

Mechanical Specifications :



RANGE	COMMON TOLERANCE			
	A	B	C	D
< 10	±0.05	±0.1	±0.1	±0.2
10-100	±0.08	±0.15	±0.2	±0.5
100-300	±0.15	±0.2	±0.3	±1.0
300-600	±0.25	±0.3	±0.8	±1.5
600-1000	±0.4	±0.5	±1.0	±3.0
1000<	±0.6	±1.0	±1.5	±6.0
ANGULAR	±0.2°	±0.5°	±1.0°	±1.5°
APPLY STANDARD	✓			