



MSTronic Co., Ltd.

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MIT-72G-48P12DC-B1N
Dual Output Gigabit PoE Splitter

SPECIFICATION

1. INPUT :

1.1 Input Voltage: DC 40V to DC 60V NORMAL= 56V
802.3bt POE/PSE

1.2 Under Voltage Lockout: DC 30V

2. OUTPUT :

2.1 Output Voltage & Current:

OUTPUT	Output 1 (JP2)	Output 2 (JP3)
	48V(in=out)	12V
Max. load	0.625A	1.667A
Power	30W Max	20W Max
Min. Load	0A	0A
Load reg. %	5%	5%
Line reg. %	1%	1%

OUTPUT TOTAL POWER : 50W

3. PROTECTION & OTHER :

3.1 Short Circuit Protection

output Short to GND Terminal will no damage the Device

3.2 Identify Resistance : 25K ohms

3.3 LED Green Active POE Output OK.

3.4 RJ45 Output is 0.625A OUTPUT

3.5 HD-515RC 4P is 1.667A / 12VOUTPUT

4. GENERAL DESCRIPTION

4.1 Operation Temperature: -25 - +65 Degree

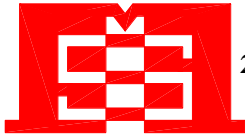
4.2 Storage Temperature: -40 - +85 Degree

4.3 Operation Humidity: 5% - 90% 45 Degree

4.4 Cooling: Free air cooling

4.5 SIZE : 85*78*36 (L*W*H)m/m





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5. PIN ASSIGNMENT:

RJ-45 Input (Data & Power)		
Pin	Symbol	Description
1	BI_DA+, Vin +/-	Data Pair A+ & power Vin +/-
2	BI_DA-, Vin +/-	Data Pair A- & power Vin +/-
3	BI_DB+, Vin +/-	Data Pair B+ & power Vin +/-
4	BI_DC+, Vin +/-	Data Pair C+ & power Vin +/-
5	BI_DC-, Vin +/-	Data Pair C- & power Vin +/-
6	BI_DB-, Vin +/-	Data Pair B- & power Vin +/-
7	BI_DD+, Vin +/-	Data Pair D+ & power Vin +/-
8	BI_DD-, Vin +/-	Data Pair D- & power Vin +/-
9	Shield	Connector shielding

RJ-45 Output (Data & Power)		
Pin	Symbol	Description
1	BI_DA+,	Data Pair A+
2	BI_DA-,	Data Pair A-
3	BI_DB+,	Data Pair B+
4	BI_DC+, Vout +	Data Pair C+ & power Vout +
5	BI_DC-, Vout +	Data Pair C- & power Vout +
6	BI_DB-,	Data Pair B-
7	BI_DD+, Vout -	Data Pair D+ & power Vout -
8	BI_DD-, Vout -	Data Pair D- & power Vout -
9	Shield	Connector shielding

6.2 JP1 RJ45 : PoE input

6.3 JP2 RJ45 : (4,5+/7,8-) = DC48V ~ 56V/30W output

6.4 JP3 HD-515RC 4P : VO+/- = DC12V/20W output

