MA

LOW RIPPLE HIGH VOLTAGE POWER SUPPLY

wisman high voltage power supply

- *OUTPUT VOLTAGES FROM 0 TO MAX*
- *OVERVOLTAGE & SHORT CIRCUIT &ARC PROTECTION*
- *HIGH STABILITY AND LOW RIPPLE*
- *OUTPUT VOLTAGE CONTROL*
- *SMALL CASE SIZE*
- *CUSTOMIZATION AVAILABLE*

Wisman's new MA Series of 0.5 to 4 watt high voltage modules provide regulated high voltage outputs from 0.3 KV to 5 KV. The MA is overvoltage , short circuit ARC protected. Excellent regulation specifications are featured along with outstanding stability performance. Wisman's HV technology results in a small compact and light weight modules that is available in either a positive or negative polarity output.

TYPICAL APPLICATIONS:

Electronmultiplier Detectors and MPC, Electron and Ion Beams. Electrophoresis, lens，Spectormeters, Focusing Aid, Medical Treatment, Chemical Plant, Laboratory Application, Industry.

OPTIONS:

ELOC(X) Extra Length Output Cable
3VPM 0 to 5 volt programming and Monitor Scaling
4.5VPM 0 to 4.5 volt programming and Monitor Scaling
5VPM 0 to 5 volt programming and Monitor Scaling

SPECIFICATIONS:

Input Voltage:
24Vdc±2%
Input Current:
200mA
Output:
300V, 500V,1KV,1.5KV,2KV,2.5KV,3KV,4KV,5KV,
Output Power:
0.5-4W
Output Current:
10mA,5mA,3.3mA,2mA,1.67mA,1.25mA,1mA

Program Voltage:
0 to +10V
Program Input Impedance:
>100K ohms
Voltage Monitor:
0 to 10V=0 to max.output
Voltage Regulation:
Load:0.005% of output voltage no load to full load.
Line:0.005% for ? 0% change in input voltage.
Ripple:
0.001% p-p of output voltage.
Stability:
0.005% per 1 hours after 1/2 hour warm-up.
Temperature Range:
0℃ to +50 ℃ operational.
Temperature Coefficient:
25ppm per ℃, voltage or current regulated.
Storage:
-40 to +85℃
Humidity:
20% to 85% RH,non-condensing.
Dimensions:
2.75” H x 2.25” W x 0.08”
(70mm x 57mm x 20mm).
Cooling:
Convection cooled.
Case: Aluminum
Weight: 5 oz.（142克）

wisman®
High voltage power supply
威思曼高压电源

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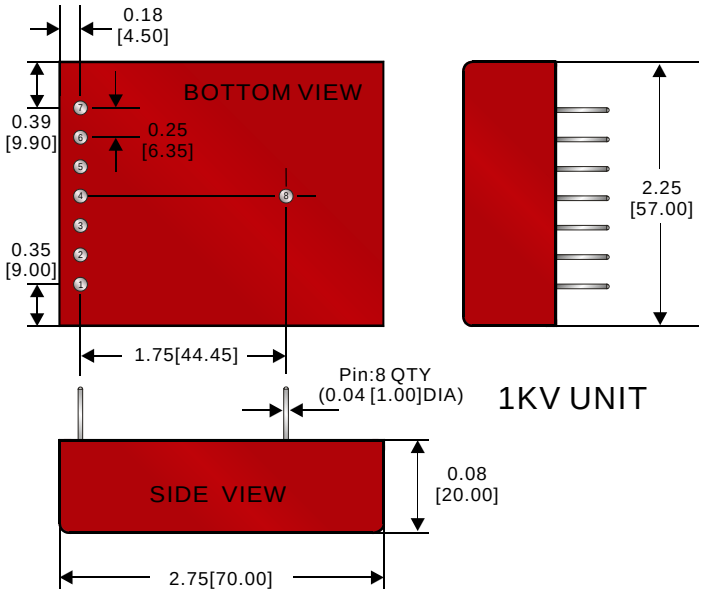
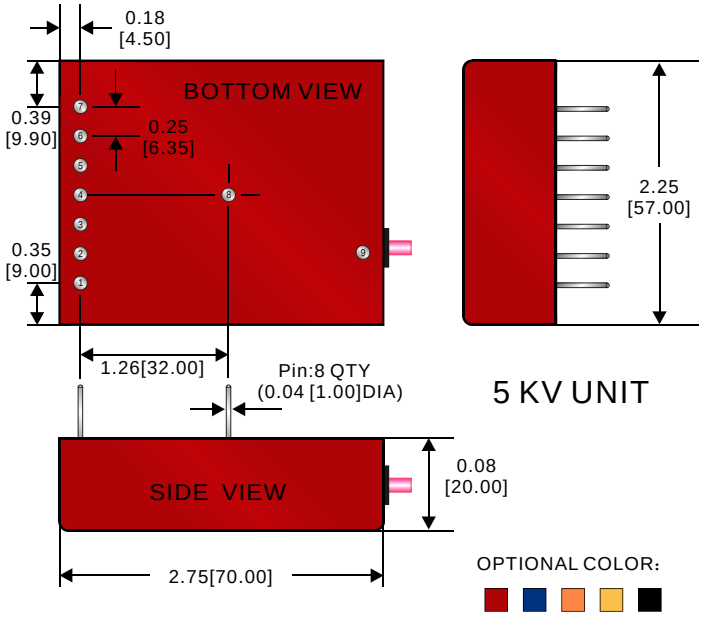
MA SELECTION TABLE

KV	mA	P(W)	Model	KV	mA	P(W)	Model
0-0.3	2	0.6	MA 0.3*0.6	0-2	0.25	0.5	MA 2*0.5
	5	1.5	MA 0.3*1.5		0.5	1	MA 2*1
	10	3	MA 0.3*3		1	2	MA 2*2
	13	4	MA 0.3*6		2	4	MA 2*4
0-0.5	1	0.5	MA 0.5*0.5	0-3	0.25	0.75	MA 3*0.75
	2	1	MA 0.5*1		0.5	1.5	MA 3*1.5
	5	2.5	MA 0.5*5		1	3	MA 3*3
	6	3	MA 0.5*3		1.3	4	MA 3*1.3
	8	4	MA 0.5*4	0-5	0.25	1.25	MA 5*1.25
0-0.6	1	0.6	MA 0.6*0.6		0.5	2.5	MA 5*2.5
	2	1.2	MA 0.6*1.2		0.8	4	MA 5*4
	5	3	MA 0.6*3				
	6.7	4	MA0.6*4				
0-1	1	1	MA 1*1				
	2	2	MA 1*2				
	3	3	MA 1*3				
	4	4	MA 1*4				
0-1.5	0.5	0.75	MA1.5*0.75				
	1	1.5	MA1.5*1.5				
	2	3	MA1.5*3				
	2.7	4	MA1.5*4				





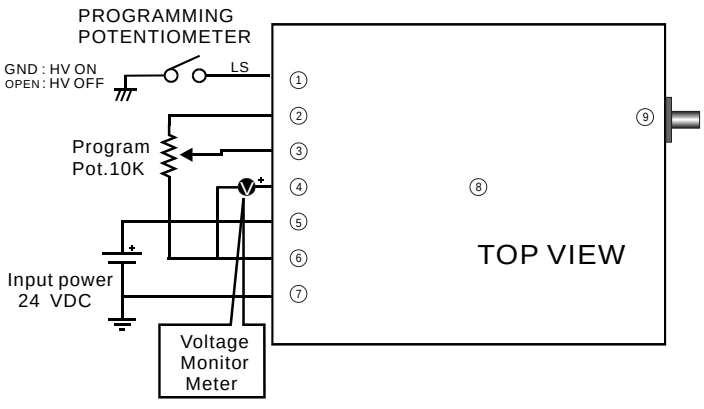
0.3KV/0.5KV/0.6KV/1KV/2KV

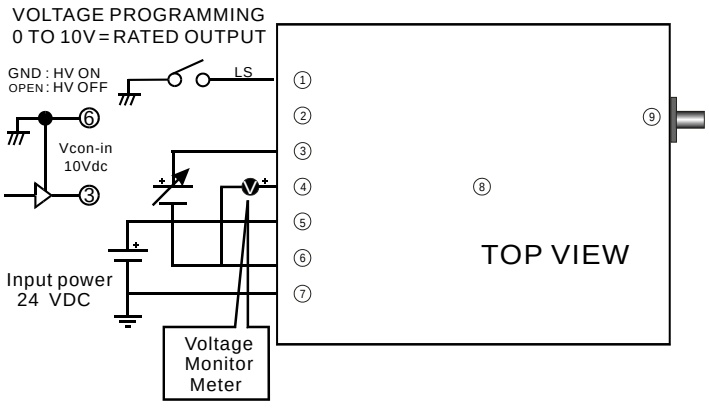
Pin Number	Description
1	No Connection
2	+10V Reference
3	Control Voltage Input
4	Output Voltage Monitor
5	Power Input +24VDC±2%
6	Signal Common
7	Ground
8	High Voltage Output

3KV/4KV/5KV

Pin Number	Description
1	No Connection
2	+10V Reference
3	Control Voltage Input
4	Output Voltage Monitor
5	Power Input +24VDC±2%
6	Signal Common
7	Ground
8	Ground
9	High Voltage Output

CONNETION:





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