BEIJING ENERGY

High Voltage Module
F Series

Super Small Plane High Voltage Module

Model: F24N24R1-JX, F24N24V3-JX, F24P24R2-JX.

Naming Rule

F 24 P 24 R 2 – – JX

Series Code

Plane High Voltage Module Series

The Highest Output Voltage

XX——100ˣXX

Output Polarity

P-Positive N-Negative

The Best Input Operating Voltage

05——5v

12——12V

15——15V

24——24V

Control Mode

R——Resistance and Voltage Both Control V——Voltage Control

Level and operating Temperature Range

C	Civil Level	0 ℃to+50 ℃
I	Industry Level	-20 ℃to+85 ℃
J	Military Level	-55 ℃to+125 ℃
JX	Special Military Level	-55 ℃to+150 ℃
JXV	Super Special Military Level	-55 ℃to+175 ℃
JS	Aerospace Level	-55 ℃to+200 ℃
JSV	Super Aerospace Level	-55 ℃to+225 ℃

Internal Technology and Packaging Code

1——Shell Type1

2——Shell Type2

3——Shell Type3

Attention: 1.Type 1 is the smallest. We have C, I, J, JX, JXV to choose. No JSV level.

2. Type 2 is a production with independent intellectual property rights. It is more reliable than Type 1 and Type 3 in the same level. Only J, JX, JXV to choose. No 5V input module, and the highest.

3. Type 3' technical specification is neutral. We have all levels and Input-Veltages to choose.

Subject to local technical requirements and regulations, availability of products included in this promotional material may vary .Please consult with our sales office.

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LEAD

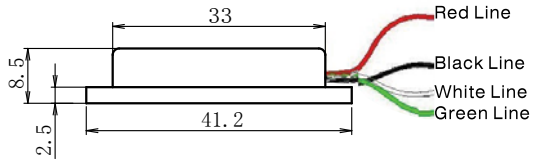
Input: Red line: Input power positive end. Black line: Input power ground wire.
Green line: Output voltage control end.
Output: White line: High voltage (HV end).
Notice: Input power ground wire and output ground wire share –Black Line! (GND end).

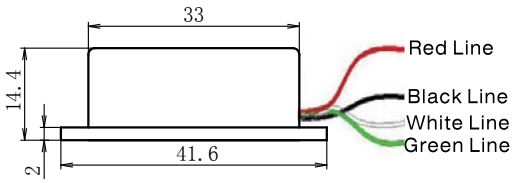
Main Technical Parameters

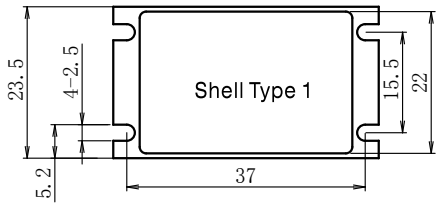
1.Operating temperature range: Max.: -55℃~+225℃.
2.Input voltage: +5V ~ +33V.
3.Input current: 12mA@1600V with 22M load (24V IN).
50mA@2400V with 7M load (24V IN).
4.Output voltage: 0V ~±2400V.
5.Output current: 0.1 ~ 5.0mA.
6.Temperature stability: Max.: ±40PPM/℃,
Typ.: ±20PPM/℃.
7.Line regulation: ±0.1%(10% linear change).
8.Load regulation: ±0.05(50% load change).
9.Output ripple: 1.0Vp-p, Typ.: 200mVp-p.
(With recommend filter: 2mVp-p, Typ.: 0.5mVp-p.)
10.Shock resistance: 25G, 0~300Hz.

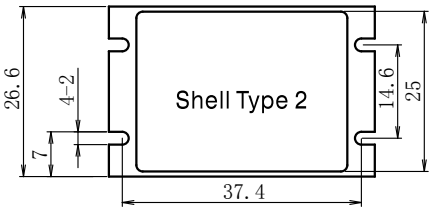
SIZE

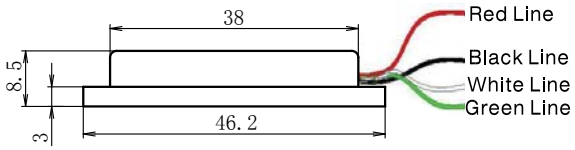
Type 1: L*W*H:33*22*8.5MM. **Type 2:** L*W*H:25*33*14.5MM. **Type 3:** L*W*H:38*22*8.5MM.

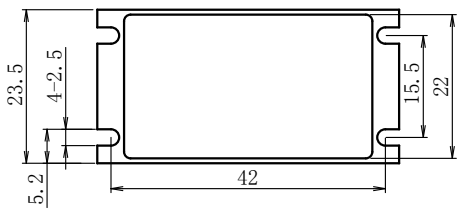












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