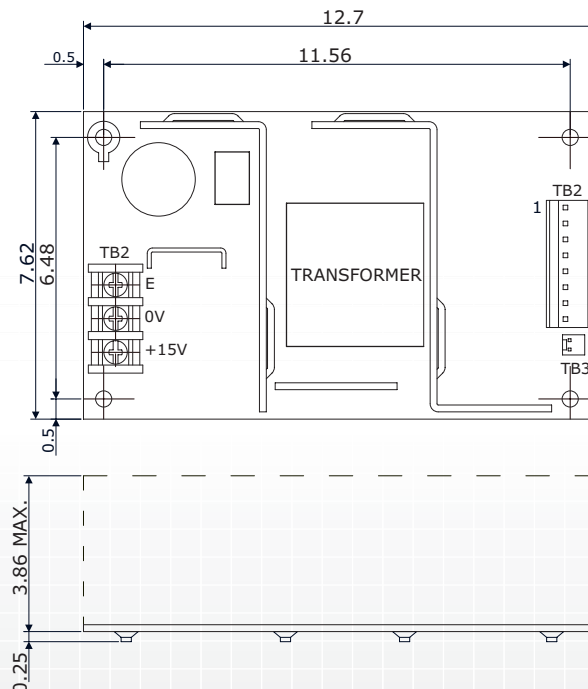


BPW-8071

70W DC-DC Open Frame Power Supply
Input Range: 10~30VDC
Output 70W with 22FCM Fan Required

DC-DC
Industrial Power Supply



FEATURES

- ***Input Voltage:** 10~30VDC with normal line at +24VDC
- ***Input Frequency:** 47~63Hz
- ***Input Current:** 13A at 10VDC max.
- ***Inrush Current:** < 15A at 10VDC input from cold start excluding EMI capacitors
- ***Load Range:** With all other outputs within their specified voltage accuracy ranges and 60% rated load conditions, the +5V output is between 5~5.1V. It could last 10 sec. at peak load and 25°C
- ***Ripple and Noise:** Peak to peak ripple and noise for +5V is < 50mV, and < 100mV for the other
- ***Line Regulation:** < +/-2% for each output at rated load and < +/-10% +12V and +24V input variables
- ***Load Regulation:** < +/-1% for +5V, < +/-5% for +12V and -12V
- ***Efficiency:** > 70% at nominal line and rated load
- ***Altitude:** > 10,000 feet
- ***Protection:** Built-in over voltage protection circuit. Trip point of crowbar circuit is between 5.7~7V hiccup mode against short circuit or over load conditions auto recovery when fault conditions are removed O.C.P. of +5V is 20A max.
- ***Temperature:** 0~+50°C (operating); -40~+85°C (storage)
- ***Connectors:**
DC Input: Terminal blocks
DC Output: Molex 5273-04A or equivalent device
For Fan Use Only: Molex 5045-02A or equivalent device
- ***Dimensions:** 12.7 x 7.62 x 3.86 cm at tolerance +/-0.4mm

SAFETY STANDARDS

- ***Safety:** UL 1950 / CSA 22.2 No.234 / VDE EN60950
- ***EMI:** FCC class B / EN55022 B
- ***EMS:** Level 3 of IEC-802, 803, 804

PIN	Output
1~3	+5V
4~6	GND
7	+12V
8	-12V

Output Voltage	Min. Load	Rated Load	Max. Load	Voltage Accuracy
+5V	0A	10A	14A	5~5.1V
+12V	0A	1.5A	3A	11.3~12V
-12V	0A	0.3A	----	-10.8~-12V