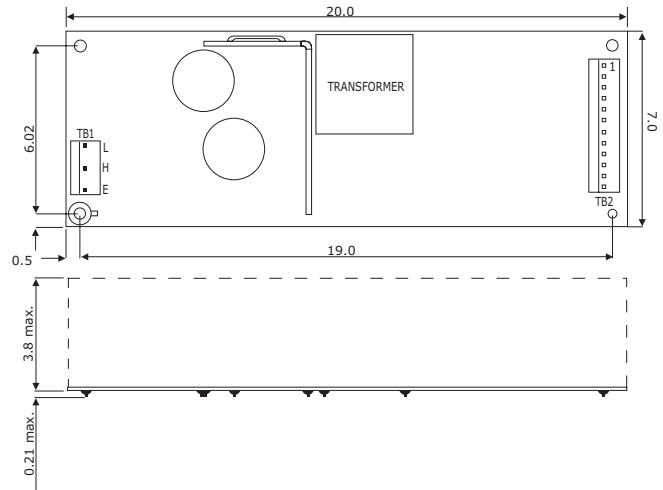


# Industrial Power Supply BPW-7010

## 100W AC-DC Open Frame Power Supply



### ■ Features

- \***Input Voltage:** 85~264VAC
- \***Input Frequency:** 47~63Hz
- \***Input Current:** 3A at 115VAC or 1.5A at 230VAC
- \***Inrush Current:** < 30A at 115VAC input or < 60A at 230VAC input, under 24°C cold start
- \***Load Range:** With all output at 60% rated load, +5V is between 4.95V and 5.05V. All other outputs are within the accuracy range. Effective so long as the max. load does not exceed 90W continuous convection cooling
- \***Ripple and Noise:** Peak to peak ripple and noise for each output is < 1% of each output's voltage at rated load
- \***Line Regulation:** < +/-1% for rated load with +/-10% change in input voltage
- \***Load Regulation:** < +/-1% for +5V and < +/-5% for all other outputs
- \***Hold Up Time:** > 16ms at 115VAC input and rated load
- \***Efficiency:** > 70% measured at nominal line and rated load
- \*Altitude: > 10,000 feet
- \***Protection:** Built-in crowbar circuit. Trip point is between 5.7~7V. AC line off and on cycle for over voltage recovery and restart hiccup mode protection against short circuit or over load condition
- \***Temperature:** 0~50°C forced air 30CFM needed when output > 80W (operating); -40~+85°C (storage)
- \***Connectors:**  
AC Input: Molex 5273-05A withdraw 2-pin or equivalent device  
DC Output: Molex 5273-12A or equivalent device
- \***Dimensions:** 7.0 x 20.0 x 3.8 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, 805

PIN	Output
1~3	+5V
4~7	GND
8~9	+12V
10	-12V
11	+24V
12	N/C

Output Voltage	Min. Load	Rated Load	Max. Load	Voltage Accuracy
+5V	1A	10A	12A	4.9~5.1V
+12V	0A	2.5A	5A	11.25~12.75V
-12V	0A	0.5A	1A	-11.25~-12.75V
+24V	0A	0.5A	1A	22.8~25.2V



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