



# POWER SUPPLIES

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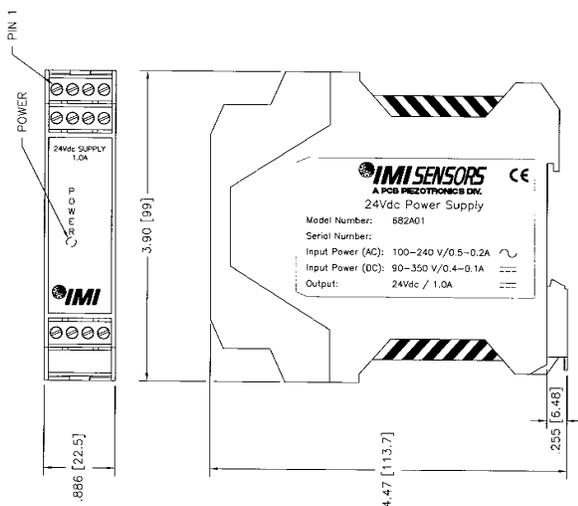
 **IMI SENSORS**  
A PCB DIVISION

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## 24 VDC POWER SUPPLY



- Universal AC or DC power supply
- Three pairs of +/- terminals for output wiring.
- Local LED indicator (green) and dedicated terminals for wiring of remote LED indicator for power.



## MODEL 682A01

SPECIFICATIONS	
<b>Model Number</b>	<b>682A01</b>
<b>Environmental</b>	
Vibration (10Hz-150Hz)	2g 19.6 m/s <sup>2</sup>
Shock (3 directions for 18 ms)	30g 294.2 m/s <sup>2</sup>
Temperature Range (Operating)	-13 to +158 °F -25 to +70 °C
Temperature Range (Storage)	-40 to +185 °F -40 to +85 °C
Humidity Range (Non-Condensing)	<95 %
<b>Electrical</b>	
Power Required	85-264 VAC / 90-350 VDC
Output Voltage	24 VDC
Output Current	1.3 Amps
Input Frequency	45 to 65 Hz
Inrush Current (@ 25 deg C)	<15A
Current Consumption (230/120 VAC)	0.3/0.5A
Fuse	1.25A/250V
Mains Buffering	>20/110ms (120/230 VAC)
Surge Voltage Protection	Varistor
10-90% Load Tolerance	+/- 3%
Turn On Delay	<0.5/1s (230/120 VAC)
Turn Off Delay	<150ms
Internal Surge Voltage Protection	35 VDC +/- 5%
Parallel Switching	Redundant Systems Only
Ripple Voltage	<20mV pp
Maximum Power Loss	0.9/4.5W (No Load/Load)
DC OK (Active)	24V / 20mA
Insulation Voltage	3kV
<b>Physical</b>	
Housing Material	Polyamide
Status Indicator "Power"	Green LED
Electrical Connector	Screw Terminals
Screw Terminal Wire Size	24-14 AWG
DIN Rail Mount	1.38 in 35 mm
Weight	7.1 oz 201.3 g





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IMI Sensors offers a wide range of industrial vibration sensors, bearing fault detectors, mechanical vibration switches, panel meters, cables, and accessories for predictive maintenance and equipment protection. For power generation and energy applications requiring precision measurements, IMI also offers pressure sensors and accelerometers.

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