



**“PAVAN” Open Loop Current Sensor**

**Model: CSHAT - 100...1500 - 5**

**Product:**



**Applications:**

- Power Supplies of Welding Machines**
- Robotics**
- UPS & SMPS**
- Electric Vehicles**
- AC Variable Speed Drives**
- Batteries**
- Automation**

**Electrical Characteristics:**

<b>Supply Voltage</b>	+5VDC, ±10%
<b>Current Consumption</b>	15 mA
<b>Output Voltage @ I<sub>max</sub>, R=10KΩ @ 25°C</b>	2.5(50%) ± 2(40%)* (I/I <sub>max</sub> )
<b>Accuracy @ T<sub>a</sub> = 25°C</b>	±1%
<b>Linearity</b>	<1% of I <sub>max</sub>
<b>(Excluding Electrical Offset) Output Offset Voltage @ 0A</b>	< ±40mV
<b>Frequency Bandwidth (-3dB)</b>	DC -100 KHz
<b>Primary Nominal</b>	Any Current Rating
<b>RMS Current</b>	From 100 to 1500A

**Mechanical Characteristics:**

<b>Ambient Operating Temperature</b>	-40°C to +85°C
<b>Ambient Storage Temperature</b>	-40°C to +85°C
<b>Mass</b>	500gm



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**Dimensional Drawings:**

