

**AIMH021 420T Series**

**21mm Hall Effect Current Sensor**

Aim Dynamics' AIMH021 420T series utilizes the Hall Effect principle to measure DC current up to 200A, unidirectional. They output a corresponding 4-20 mA Vdc signal. The AIMH series is 1% accurate. The AIMH021 420T is not suitable for monitoring AC currents (use the AIMH021 standard series instead).

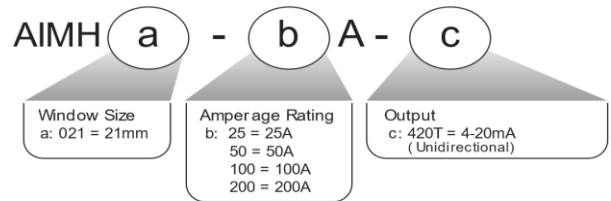
**SPECIFICATIONS**

Rated Primary Current	25A, 50A, 100A, 200A
Rated Output	4-20mA DC
Power Supply	+12 Vdc Required, 35 mA max
Temperatures	Storage: -22°F to 221°F (-30° to 105°C) Operating: 14°F to 185°F (-10° to 85°C)
Offset	None
Response Time	10 μs
UL Max Voltage	600V on Bare Conductor
Operating Frequency	DC
Certifications	61010-1, EN 60044-1
Accuracy	+/-1% Class per IEC 61869-2
Weight	0.23lbs (0.104 kg)

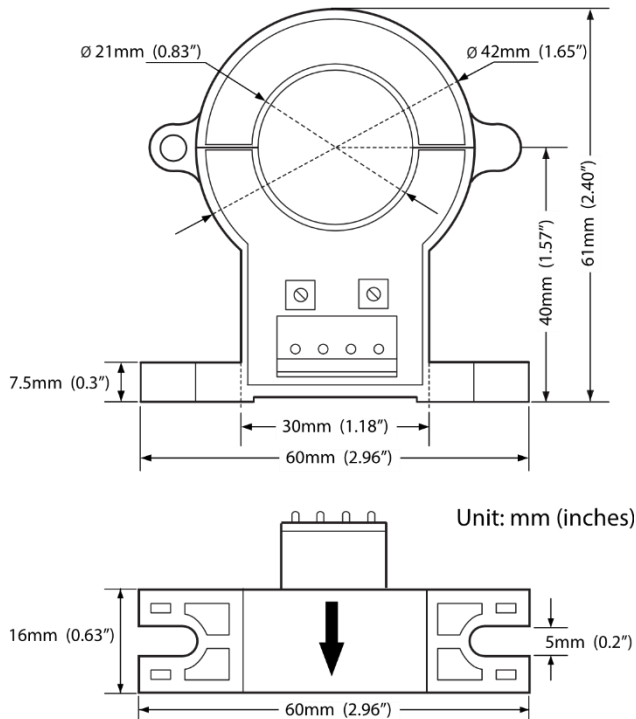


WIRING	
+	= +12 Vdc
M	= Signal
⊥	= Common

**MODEL BUILDER**



**SAFETY**



V.1.3

Email: [sales@aimdynamics.com](mailto:sales@aimdynamics.com)

Telephone: +1 (303) 772-6100