

ELECTRICAL SPECIFICATIONS

Input	
Input range	9 - 36 Vdc, 18 - 75 Vdc
Efficiency	89% @ 12 Vo
Output	
Voltage tolerance	±1.0%
Line regulation	±0.2% for single output, ±0.5% for dual output
Load regulation	±0.2% for 12 V, 15 V and 24 V, ±0.5% for 3.3 V and 5 V. ±1.0% for dual output
Noise/ripple	3.3 V and 5 V Models: 75 mV; 12 V and 15 V Models: 100 mV; 24 V Models: 150 mV; Dual Output Models: 100 mV
Overload protection	150% typ of Io max, hiccup
Short circuit protection	Hiccup mode
Switching frequency	330 KHz
Isolation	
I/O isolation	I/O: 1500 Vdc
Insulation resistance	1000 Mohm
Insulation capacitance	1500 pF

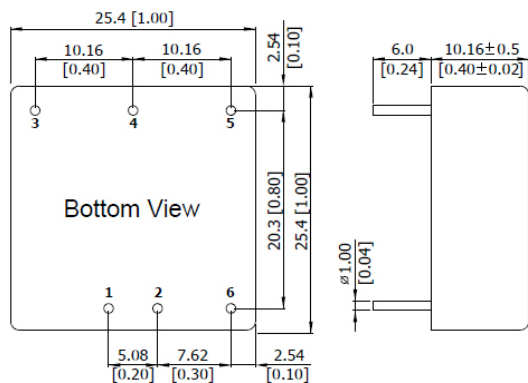
ENVIRONMENTAL SPECIFICATIONS

Operating ambient temperature range	-40 °C to +85 °C
Storage temperature	-50 °C to +125 °C
Humidity	5% to 95% non-condensing
MTBF	346 Khrs calculated

ORDERING INFORMATION

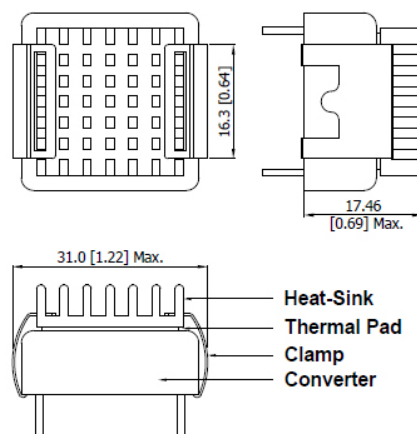
Part Number	Input Voltage	Output Voltage	Output Current	Efficiency	Power
AXA04F18-L	9 - 36 Vdc	3.3 V	4.5 A	87%	15 W
AXA04A18-L	9 - 36 Vdc	5 V	4 A	89%	20 W
AXA01B18-L	9 - 36 Vdc	12 V	1.67 A	89%	20 W
AXA01C18-L	9 - 36 Vdc	15 V	1.33 A	89%	20 W
AXA00H18-L	9 - 36 Vdc	24 V	0.835 A	88%	20 W
AXA00BB18-L	9 - 36 Vdc	±12 V	±0.835 A	89%	20 W
AXA00CC18-L	9 - 36 Vdc	±15 V	±0.67 A	89%	20 W
AXA04F36-L	18 - 75 Vdc	3.3 V	4.5 A	88%	15 W
AXA04A36-L	18 - 75 Vdc	5 V	4 A	89%	20 W
AXA01B36-L	18 - 75 Vdc	12 V	1.67 A	89%	20 W
AXA01C36-L	18 - 75 Vdc	15 V	1.33 A	89%	20 W
AXA00H36-L	18 - 75 Vdc	24 V	0.835 A	88%	20 W
AXA00BB36-L	18 - 75 Vdc	±12 V	±0.835 A	89%	20 W
AXA00CC36-L	18 - 75 Vdc	±15 V	±0.67 A	89%	20 W

MECHANICAL DIMENSIONS



- All dimensions in mm (inches)
- Tolerance: X.X±0.25 (X.XX±0.01)
X.XX±0.13 (X.XXX±0.005)
- Pin diameter Ø 1.0 ±0.05 (0.04±0.002)

Heatsink (Option -HS)



Pin Connections		
Pin	Single Output	Dual Output
1	+Vin	+Vin
2	-Vin	-Vin
3	+Vout	+Vout
4	Trim	Common
5	-Vout	-Vout
6	Remote On/Off	Remote On/Off



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ABOUT ADVANCED ENERGY

Advanced Energy (AE) has devoted more than three decades to perfecting power for its global customers. AE designs and manufactures highly engineered, precision power conversion, measurement and control solutions for mission-critical applications and processes.

Our products enable customer innovation in complex applications for a wide range of industries including semiconductor equipment, industrial, manufacturing, telecommunications, data center computing, and medical. With deep applications know-how and responsive service and support across the globe, we build collaborative partnerships to meet rapid technological developments, propel growth for our customers, and innovate the future of power.

PRECISION | POWER | PERFORMANCE

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