

### Data Sheet

**Total Power:** 10 Watts  
**Input Voltage:** 24 V or 48 V  
**# of Outputs:** Single



### SPECIAL FEATURES

- Encapsulated
- Wide 2:1 input range
- 1.25" x 0.8" DIP package
- 1500 Vdc I/O isolation
- Single output

### SAFETY

- UL 60950-1
- CE Mark

### Electrical Specifications

Input	
Input range:	18 to 36 VDC; 36 to 75 VDC
Efficiency:	83% @ 12 Vo
Output	
Voltage tolerance:	±2.0%
Line regulation:	±0.8%
Load regulation:	±1.2%
Noise/ripple:	100 mV for 2.5 Vo, 3.3 Vo and 5.0 Vo 120 mV for 12 Vo
Short circuit protection:	Auto-restart
Switching frequency:	350 KHz
Temperature coefficient:	±0.02 /°C
Isolation	
I/O isolation	1500 VDC min.
Insulation resistance:	10 Mohm
Insulation capacitance:	1000 pF

### Environmental Specifications

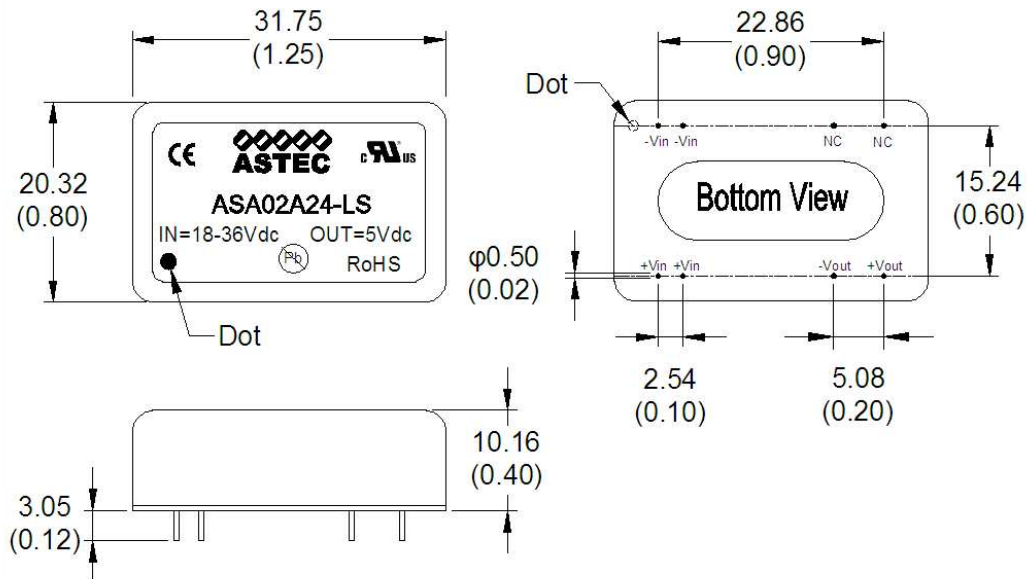
<b>Operating ambient temperature range:</b>	-40°C to +60°C (no derating)
<b>Storage temperature:</b>	-55 °C to +105 °C
<b>Humidity:</b>	5% to 95% (non-condensing)
<b>MTBF:</b>	1 Mhrs demonstrated MTBF
<b>RoHS Compliant</b>	

## Ordering Information

Model Number	Input Voltage	Output 1 Voltage	Output 2 Voltage	Maximum Power
ASA03G24-LS	18 - 36 V	2.5 V @ 3 A		7.5 W
ASA03F24-LS	18 - 36 V	3.3 V @ 3 A		10 W
ASA02A24-LS	18 - 36 V	5.0 V @ 2 A		10 W
ASA00B24-LS	18 - 36 V	12 V @ 0.835 A		10 W
ASA03G48-LS	36 - 75 V	2.5 V @ 3 A		7.5 W
ASA03F48-LS	36 - 75 V	3.3 V @ 3 A		10 W
ASA02A48-LS	36 - 75 V	5.0 V @ 2 A		10 W
ASA00B48-LS	36 - 75 V	12 V @ 0.835 A		10 W

Please contact Artesyn Embedded Technologies for information on other output voltages, power ranges and configurations. Available in RoHS 6 version only.

## Mechanical Drawings



### Notes:

1. All specifications are subject to change without notice. Mechanical drawings are for reference only.
2. Warranty: 1 yr
3. Label and logo appearance may vary from what is shown on mechanical drawings.

## WORLDWIDE OFFICES

### Americas

2900 S.Diablo Way  
Tempe, AZ 85282  
USA  
+1 888 412 7832

### Europe (UK)

Waterfront Business Park  
Merry Hill, Dudley  
West Midlands, DY5 1LX  
United Kingdom  
+44 (0) 1384 842 211

### Asia (HK)

14/F, Lu Plaza  
2 Wing Yip Street  
Kwun Tong, Kowloon  
Hong Kong  
+852 2176 3333

**ARTESYN**<sup>™</sup>  
EMBEDDED TECHNOLOGIES

[www.artesyn.com](http://www.artesyn.com)

While every precaution has been taken to ensure accuracy and completeness in this literature, Artesyn Embedded Technologies assumes no responsibility, and disclaims all liability for damages resulting from use of this information or for any errors or omissions. Artesyn Embedded Technologies, Artesyn and the Artesyn Embedded Technologies logo are trademarks and service marks of Artesyn Technologies, Inc. All other names and logos referred to are trade names, trademarks, or registered trademarks of their respective owners. © 2014 All rights reserved.

For more information: [www.artesyn.com/power](http://www.artesyn.com/power)  
For support: [productsupport.ep@artesyn.com](mailto:productsupport.ep@artesyn.com)