

ASA Series

10 Watts

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

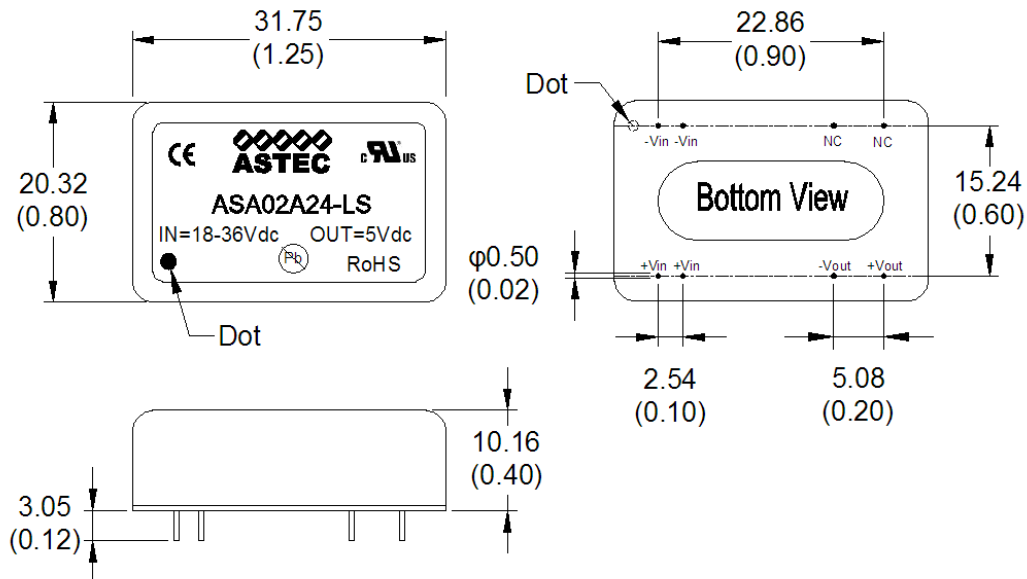
Operating ambient temperature range:	-40°C to +60°C (no derating)
Storage temperature:	-55 °C to +105 °C
Humidity:	5% to 95% (non-condensing)
MTBF:	1 Mhrs demonstrated MTBF
RoHS Compliant	

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 Power 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 South Diablo Way
Suite B100
Tempe, AZ 85282, USA
+1 888 412 7832

Europe (UK)

Ground Floor Offices, Barberry House
4 Harbour Buildings, Waterfront West
Brierley Hill, West Midlands
DY5 1LN, UK
+44 (0) 1384 842 211

Asia (HK)

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

ARTESYN
An Advanced Energy Company

www.artesyn.com

Artesyn Embedded Technologies, Artesyn Embedded Power, Artesyn, and all Artesyn related logos are trademarks and service marks of Artesyn Embedded Technologies, Inc. All other names and logos referred to are trade names, trademarks, or registered trademarks of their respective owners. Specifications are subject to change without notice. © 2019 Artesyn Embedded Technologies, Inc. All rights reserved. For full legal terms and conditions, please visit www.artesyn.com/legal.

For more information: www.artesyn.com
For support: productsupport.ep@artesyn.com

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Artesyn Embedded Technologies:](#)

[ASA03F24-LS](#) [ASA02A48-LS](#) [ASA03G48-LS](#) [ASA03F48-LS](#) [ASA03G24-LS](#)