

ASA Series

6 Watts

Data Sheet

Total Power: 6 Watts
Input Voltage: 12 V, 24 V or 48 V
of Outputs: Single, Dual

SPECIAL FEATURES

- Encapsulated
- Wide 4:1 input range
- 1.25" x 0.8" DIP package
- 1500 Vdc I/O isolation
- Single and Dual output

SAFETY

- UL 60950-1
- CE Mark



Electrical Specifications

Input	
Input range:	9 to 36 VDC; 18 to 75 VDC
Efficiency ² :	81% @ 5 Vo
Output	
Voltage tolerance:	±2.0%
Line regulation:	±0.5%
Load regulation:	Single output: 1% @ 3.3 Vo Other: ±0.5% Dual output: ±3.0%
Noise/ripple:	3.3 Vo, 5 Vo: 100 mV 12 Vo: 120 mV 15 Vo: 150 mV
Short circuit protection:	Auto-restart
Switching frequency:	250 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 +71°C (no derating)
Storage temperature:	-55 °C to +105 °C
Humidity:	5% to 95% (non-condensing)
MTBF:	1 Mhrs demonstrated MTBF
RoHS Compliant	

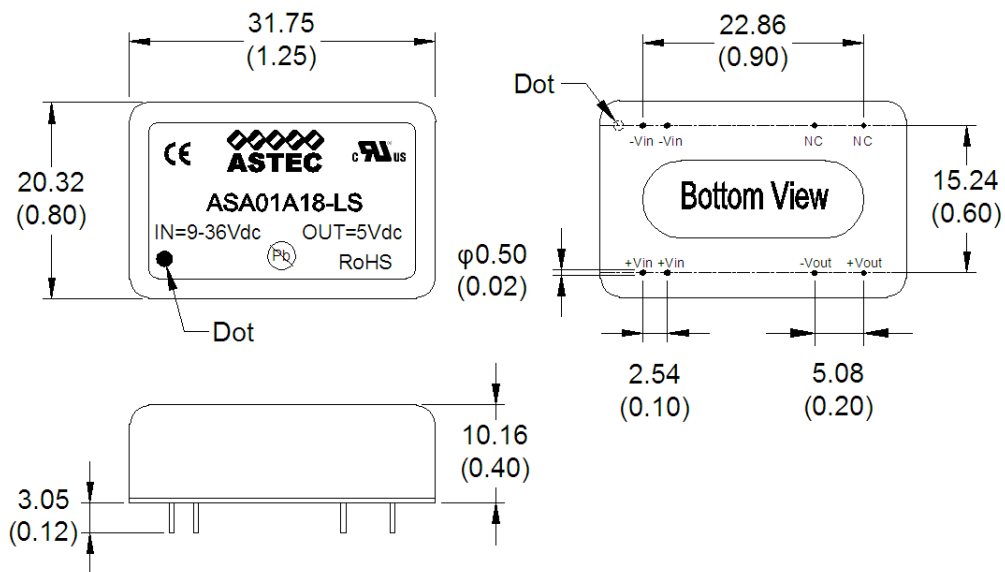
Ordering Information

Model Number	Input Voltage	Output 1 Voltage	Output 2 Voltage	Maximum Power
ASA01F18-LS	9 - 36 V	3.3 V @ 1.2 A		3.96 W
ASA01A18-LS	9 - 36 V	5 V @ 1.00 A		5 W
ASA00B18-LS	9 - 36 V	12 V @ 0.50 A		6 W
ASA00C18-LS	9 - 36 V	15 V @ 0.40 A		6 W
ASA00AA18-LS	9 - 36 V	5 V @ 0.50 A	-5 V @ 0.5 A	5 W
ASA00BB18-LS	9 - 36 V	12 V @ 0.25 A	-12 V @ 0.25 A	6 W
ASA00CC18-LS	9 - 36 V	15 V @ 0.20 A	-15 V @ 0.20 A	6 W
ASA01F36-LS	18 - 75 V	3.3 V @ 1.2 A		3.96 W
ASA01A36-LS	18 - 75 V	5 V @ 1.00 A		5 W
ASA00B36-LS	18 - 75 V	12 V @ 0.50 A		6 W
ASA00C36-LS	18 - 75 V	15 V @ 0.40 A		6 W
ASA00AA36-LS	18 - 75 V	5 V @ 0.50 A	-5 V @ 0.5 A	5 W
AEE00BB36-LS	18 - 75 V	12 V @ 0.25 A	-12 V @ 0.25 A	6 W
ASA00CC36-LS	18 - 75 V	15 V @ 0.20 A	-15 V @ 0.20 A	6 W

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

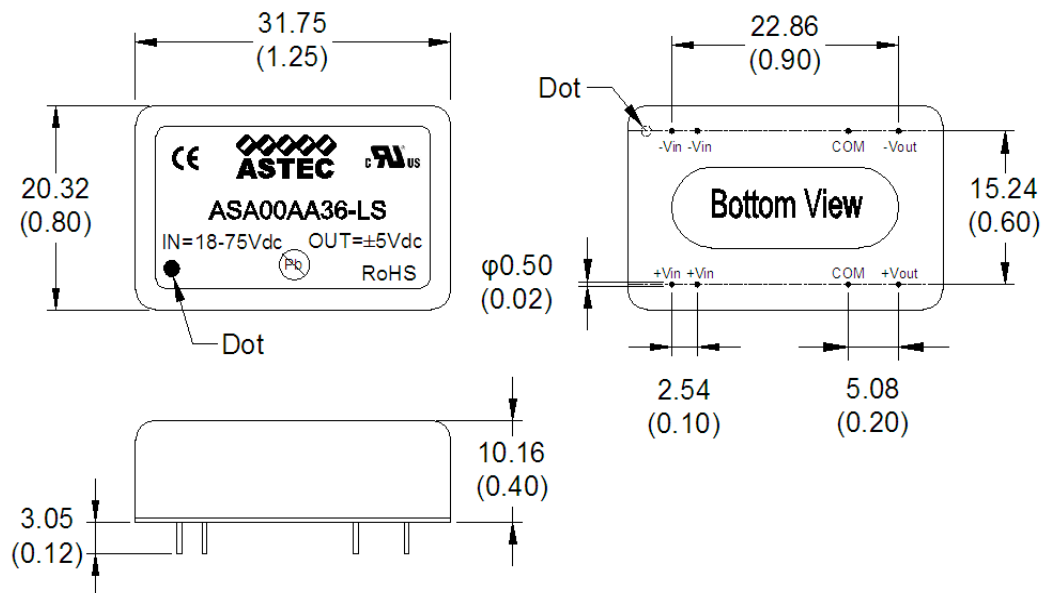
Mechanical Drawings

Single Output



Mechanical Drawings

Dual Output



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[™]
EMBEDDED TECHNOLOGIES

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
For support: productsupport.ep@artesyn.com