

POWER

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

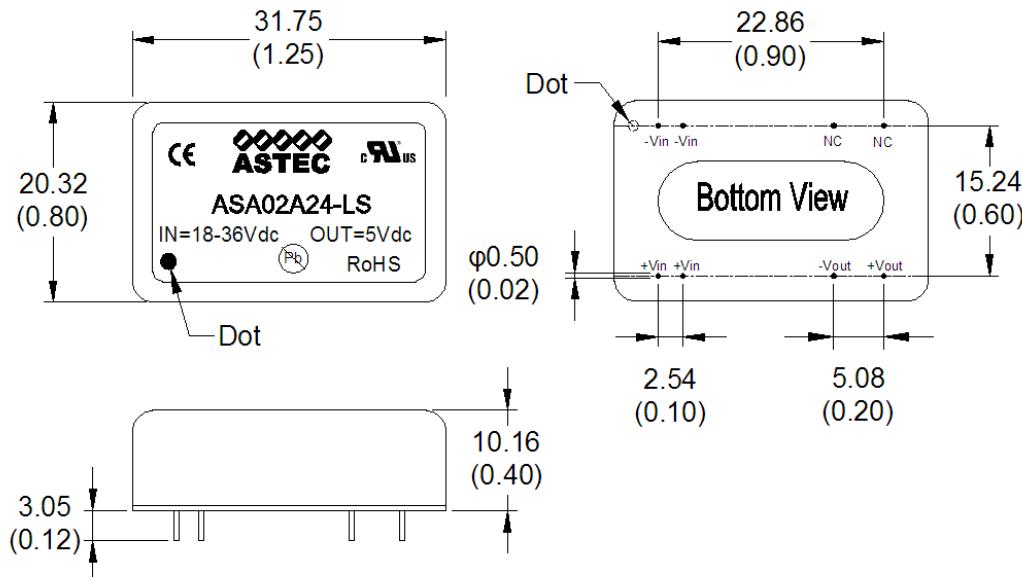
Operating ambient temperature range:	-40°C to +60°C (no derating)
Storage temperature:	-55 °C to +105 °C
Humidity:	5% to 95% (non-condensing)
MTBF:	1 Mhrs demonstrated MTBF
RoHS Compliant	

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.

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