ASA Series

10 Watts

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



RoHS 2002/95/EC

Special Features

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

Safety

CE Mark

Electrical Specifications

Input	
Input range	18 to 36 VDC; 36 to 75 VDC
Efficiency[2]	83%@12Vo
Output	
Voltage tolerance	±2.0%
Line regulation	±0.8%
Load regulation	±1.2%
Noise/ripple	100mV for 2.5Vo, 3.3Vo and 5.0Vo 120mV for 12Vo
Short circuit protection	Auto-restart
Switching frequency	350KHz
Temperature coefficient	±0.02 /°C
Isolation	
I/O isolation	1500 VDC min.
Insulation resistance	10Mohm
Insulation capacitance	1000pF

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	

ASTEC

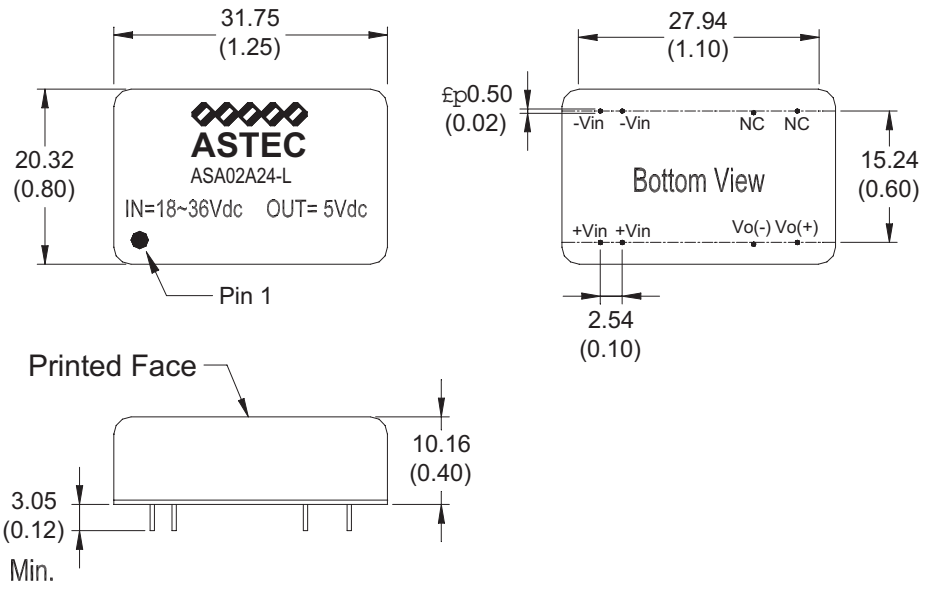
EMERSON Network Power

Ordering Information

Input Voltage	Output 1 Voltage	Output 2 Voltage	Maximum Power	Model Number
18 - 75V	2.5V @ 3A		7.5W	ASA03G24-L
18 - 75V	3.3V @ 3A		10W	ASA03F24-L
18 - 75V	5V @ 2A		10W	ASA02A24-L
18 - 75V	12V @ 0.835A		10W	ASA00B24-L
36 - 75V	2.5V @ 3A		7.5W	ASA03G48-L
36 - 75V	3.3V @ 3A		10W	ASA03F48-L
36 - 75V	5V @ 2A		10W	ASA02A48-L
36 - 75V	12V@ 0.835 A		10W	ASA00B48-L

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

Mechanical Drawing



Notes:

1. All specifications 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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