



SA124C-XX

24W Switching Adapter Series

Input

| | |
|----------------|----------------------|
| Rated Voltage | 100 - 240 VAC |
| Max. Voltage | 90 - 264 VAC |
| Line Frequency | 47 - 63 Hz |
| Current | 800mA, at 100-240VAC |
| Configuration | UL - 2PIN |

Output

| Model Name | Voltage | Current | Watt | Efficiency |
|------------|---------|---------|------|------------|
| SA124C-12 | 12V | 2.0A | 24W | 78% |
| SA124C-24 | 24V | 1.0A | 24W | 78% |

| | |
|-----------------|--------------------------|
| Line Regulation | Less than $\pm 2\%$ |
| Load Regulation | Less than $\pm 5\%$ |
| Protections | OCP, OVP & Short circuit |
| Ripple Voltage | $\leq 1\%V_o$ |

Environment

| | |
|--------------------|----------------------------|
| Operating Temp. | 0°C - 40°C |
| Storage Temp. | -20°C - 80°C |
| Operating Humidity | 20% - 80% (Non-condensing) |

Reliability

| | |
|--------|----------------------------------|
| MTBF | 50,000 hrs (by MIL-217 Standard) |
| Safety | ITE: Meet UL, cUL, PSE |

Others

| | |
|------------|------------|
| Package | 80 pcs/box |
| Min. Order | 1K pcs/lot |
| Warranty | 1 year |

For reference only. For details please contact your local sales representative

Electrical

| | |
|---------------------------|--|
| Topology | Switching Mode |
| Hi-Pot | 3000 Vac/1sec @ 5mA (primary - secondary) |
| Leakage Current | $\leq 0.25\text{mA}$, at 264VAC/60Hz |
| Hold Up Time | ≥ 8 mSec |
| Standby Power Consumption | ≤ 0.3 Watt (As per Energy Star Guideline) |
| EMI | Complies with EMI directives |
| Energy Star Requirement | EPS 2.0 (Efficiency Level V) |

Mechanical

| | |
|---------------|----------------------------|
| Case Size | 75L x 49W x 34.2H mm |
| Case Material | Black, 94V-1 or equivalent |
| Weight | 145 \pm 10 g |
| DC Cord | 4.92ft |

