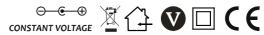
DSA-24PAG-24-3,5A

24V / 2.5A Constant Voltage desktop type AC/DC adaptor



- Universal AC input / Full range
- Desktop type, Isolation class II design
 - ErP step II / CEC level V compliance
- Protections: Overload / Short circuit













ELECTRICAL SPECIFICATION

| MODEL | DSA-24PAG-24-3,5A |
|---------------------------|------------------------------------|
| OUTPUT | |
| Rated Voltage | 24V |
| Rated Current | 3.5A |
| Current Range | 0 ÷ 3.5A |
| Rated Power | 84W |
| Line Regulation | ± 2% |
| Load Regulation | ± 5% |
| Tolerance [3] | ± 8% |
| Ripple & Noise (max.) [2] | 240mV _{P-P} |
| Setup, RiseTime [4] | 1000ms, 50ms / 230VAC at full load |
| Hold up Time (typ.) | 8ms / 230VAC at full load |

| INPUT | |
|-------------------|---------------------------------|
| Voltage Range | 90 ÷ 264VAC |
| Frequency Range | 47 ÷ 63Hz |
| Efiiciency (typ.) | 89% |
| AC Current (typ.) | 1.3 A / 115VAC, 0.60 A / 230VAC |

| PROTECTIONS | |
|---------------|-----------------------------------|
| Overload | Range: 110 ÷ 150% rated current |
| | Type: hiccup mode, auto-recovery. |
| Short Circuit | Type: hiccup mode, auto-recovery. |

| WORKING ENVIRONMENT | | |
|----------------------------------|---|--|
| Working Temperature | 0°C ÷ 40°C | |
| Working Humidity | 10 ÷ 90% RH non-condensing | |
| Storage Temperature and Humidity | -20°C ÷ 85°C, 5 ÷ 90% RH non-condensing | |

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24V / 2.5A Constant Voltage desktop type AC/DC adaptor

| SAFETY and EMC REGULATIONS | | |
|----------------------------|--|--|
| Safety Standards | Compliance to EN 60950-1 | |
| Withstand Voltage | IN/OUT: 3.6kVAC | |
| Isolation Resistance | IN/OUT: 50MΩ/500VDC/25°C/70% | |
| EMC Emission | Compliance to EN55032 | |
| EMC Immunity | Compliance to EN55024 | |
| Harmonic Current | Compliance to EN61000-3-3; EN61000-3-2 | |

| OTHERS | | |
|------------------|--------------------------------|--------------------------------|
| DC wire and plug | Wire: 21AWG*2C, length = 100mm | Plug: 2.1/5.5, positive inside |
| Dimensions | 115 x 50.5 x 31mm (L x W x H) | |
| Net Weight | 290g | |

- $1. \ All \ parameters \ NOT \ specially \ mentioned \ are \ measured \ at \ 230VAC \ input, \ rated \ load \ and \ 25^{\circ}C \ of \ ambient \ temperature.$
- $2. \textit{ Ripple \& noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1 \mu F i 47 \mu F parallel capacitor.}$
- 3. Tolerance includes set up tolerance, line regulation and load regulation.
- 4. Setup and rise time is measured from 0 to 90% rated output voltage.
- 5. Power supply is considered as component not indented to apply by end-user. Power supply meets safety and EMC standards however the final equipment with power supply must be re-quality to comply with EMC Directives.

MECHANICAL SPECIFICATION

