

CLD-9024-T2-E

24V/3.75A Desktop type AC/DC adaptor

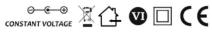
Features:

• Desktop type, Isolation class II design

• ErP step II / Cevel VI compliance

• No load power consumption P < 0.075W

• Protections: Overload / Short circuit / Over Temperature



ELECTRICAL SPECIFICATION

| MODEL | CLD-9024-T2-E |
|---------------------------|--------------------------------|
| ουτρυτ | |
| Rated Voltage | 24V |
| Rated Current | 3.75A |
| Current Range | 0÷3.75A |
| Rated Power | 90W |
| Line Regulation | ± 2% |
| Load Regulation | ± 5% |
| Tolerance [3] | ± 5% |
| Ripple & Noise (max.) [2] | 480mV _{P-P} |
| Setup, RiseTime [4] | 4s, 20ms / 230VAC at full load |
| Hold up Time (typ.) | 50ms / 230VAC at full load |

INPUT

| INF 01 | |
|----------------------------------|----------------------------|
| Voltage Range | 90 ÷ 264VAC |
| Frequency Range | 47 ÷ 63Hz |
| Efiiciency (typ.) | 84,12% |
| AC Current (typ.) | 2A / 115VAC, 0.6A / 230VAC |
| No load Power Consumption (max.) | 0.075W |

PROTECTIONS

| PROTECTIONS | |
|---------------|-----------------------------------|
| Overload | Range: 120 ÷ 150% |
| | Type: hiccup mode, auto-recovery. |
| Short Circuit | Type: hiccup mode, auto-recovery. |
| Over voltage | Range: 28 ÷ 32V, auto-recovery. |
| | Type: hiccup mode, auto-recovery |





| WORKING ENVIRONMENT | |
|----------------------------------|---|
| Working Temperature | 0°C ÷ 40°C |
| Working Humidity | 5 ÷ 95% RH non-condensing |
| Storage Temperature and Humidity | -20°C ÷ 85°C, 5 ÷ 95% RH non-condensing |

| SAFETY and EMC REGULATIO | INS |
|--------------------------|--|
| Safety Standards | Compliance to EN 60950-1 |
| Withstand Voltage | I-P/O-P: 5.3kVAC |
| Isolation Resistance | IN/OUT: 100MΩ/500VDC/25°C/70% |
| EMC Emission | Compliance to EN55032 |
| EMC Immunity | Compliance to EN61000-4-2, -3, -4, -5 |
| Harmonic Current | Compliance to EN61000-3-3; EN61000-3-2 |

| OTHERS | | |
|---------------|-----------------------------------|--------------------------------|
| Wire and plug | Wire: 20AWG, length = 100cm ±50mm | Plug: 2.1/5.5, positive inside |
| Dimensions | 170 x 65 x 40mm (L x W x H) | |
| Net Weight | 386g | |

All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.
Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1μF i 47μF 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.

