zenitel

DATASHEET

1002510000

# IPS-AC1

## PSU for ICX-500/510

- DIN-Rail mounting
- Ultra slim design with 35 mm (2SU width)
- Input 85~264 VAC, Output 48VDC
- No load power consumption <0.3W
- Isolation class II
- Pass LPS (Limited Power Source)
- Protections : Short  circuit / Overload / Over voltage
- Over voltage category III
- LED indicator for power on

## Description

In order to comply with UL safety requirements, ICX-500/510 has to be powered by a Limited Power Source (LPS) or PS2 (based on IEC/UL 62368-1 definition) or NEC Class 2 source of supply.

Zenitel's PSU IPS-AC1 (1002510000) meets this criterion.



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# Specifications

**GENERAL**

| | |
|---|---|
| Size (WxHxD) | 35 x 90 x 55 mm |
| Weight | 0.12 kg including packaging |
| Nominal output voltage | 48V DC |
| Voltage adjustment range | 43.2 - 55.2 V DC - fully within the ICX-500 min/max voltage specification |
| Input voltage | 85VAC - 264VAC |
| Rated power | 36W |
| Operating Temperature and humidity | -30 °C to 70 °C; 20-90 % non-condensing |
| Storage Temperature and humidity | -40 °C to 85 °C; 10-95 % non-condensing |
| Operating altitude | 2000 meters, operating temperature derates at 3.5°C/1000 meters above 2000 meters |
| Vibration | 10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes; Mounting: Compliance to IEC60068-2-6 |
| Mounting | DIN rail TS-35/7.5 or 15 mountable |
| EMC Emission | EN55032, EN61000-3-2, EN61000-3-3 |
| EMC Immunity | EN55024, EN55035, EN61000-6-2, EN61204-3, EN61000-4-2, EN61000-4-3, EN61000-4-4, EN61000-4-5, |





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| | |
|---|---|
| | EN61000-4-6,<br>EN61000-4-8,<br>EN61000-4-11 |
| Safety | UL60950-1, UL508,<br>EN61558-2-16,<br>IEC60950-1, EACTP<br>TC 004, BSMI<br>CNS14336-1 |

# Used With

ICX-500

Intelligent Communication Gateway with HD Voice

Item Number: 1002000100

ICX-510-IA Intelligent Communication Gateway

ICX-510 incl ICX-AlphaCom Core

Item Number: 1002000110

ICX-510

Server for Zenitel Connect Pro, providing HD voice and video communications

Item Number: 1002000200





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