

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.

# 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, EN61000-4-6, EN61000-4-8, EN61000-4-11

## Safety

UL60950-1, UL508,  
EN61558-2-16,  
IEC60950-1, EACTP  
TC 004, BSMI  
CNS14336-1

## Used With

ICX-500

Intelligent Communication  
Gateway with HD Voice

ICX-510-IA Intelligent  
Communication  
Gateway

ICX-510 incl ICX-AlphaCom  
Core

ICX-510

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