



# WP-690B/PS-SI

A Wiz-Plate Product

## Description

- Snap-In external power supply for WP-690B duct switch
- Suitable for 45x45 duct/trunk systems and under floor installations
- CE Certified, Class B Power Supply
- Dual DC output and Shield/GND terminal plug
- Wide range AC/DC input range
- High efficiency compact design power supply
- Fast & Simple "click-in" installation and operation

### OUTPUT

Output Voltage (DC)	52V/1.15A; 3.3V/5A
Rated Power (max.)	60Watt
Voltage Tolerance	+/- 1%
Ripple & Noise	52V +/-240mVp-p; 3.3V +/-40mVp-p
DC Cable Length	50cm
DC Output Plug	4 pin terminal block; Shield terminal

### INPUT

Input Voltage Range	90~264VAC 47~63Hz; 135~370VDC
Efficiency (typical)	92%
AC Current	1.4A/ 115VAC; 1A/ 230VAC
Inrush Current (max.)	65A/ 230VAC
Leakage Current (max.)	0.75mA/ 240VAC
AC Input Plug	3 pin terminal block header with screw tight plug

### PROTECTION

Overload Protection	Recovery after fault condition is removed
Over Voltage Protection	Shut down o/p voltage, re-power on to recover
Over Temperature Protection	>78°C Shut down o/p voltage, re-power on to recover
DC OK Indication	Green LED (3.3V)

### ENVIRONMENT

Working Temp.	-20°C ~ +50°C
Working Humidity	20% ~ 90% RH non-condensing
Storage Temp., Humidity	-40°C ~ +85°C 10 ~ 95% RH non condensing

### SAFETY & STANDARDS

Safety Standard	EN60950-1: 2005
EMC Emission	EN61000-6-3,4; EN55022 Class B
EMC Immunity	EN61000-6-2; EN55024
Certifications	CE Certification (with WP-690B)

### OTHER

MTBF	711Khrs min. (MIL-HDBK-217F 25°C)
Dimensions	45x135x48 mm (WxLxH)
Weight	290gr
Color	RAL9003



WIZ-PLATE

All specifications are subject to change without notice. Neither manufacturer nor seller shall be liable for any loss, damage, or injury, direct or consequential, arising from the inability to use the product.