

Series ZWS-PAF



150-240

WATTS

POWER SUPPLY AC/DC

SINGLE OUTPUT

100% peak current

High performance

PFC standard

Worldwide safety approvals

Ultra compact

Guarantee 2 years

INPUT

Input voltage range	85-265VAC or 120-370VDC
Inrush current	14A at 100VAC 28A at 200VAC
Frequency	47-63Hz

OUTPUT

	150	240
Nominal power	151.2W	240W
Peak power	288W	480W
Line regulation	96mV	96mV
Load regulation	192mV	192mV
Hold up	20mS	20mS
Ripple and noise	240mV to 360mV	
Over current protection	12.3A	20.54A
Over voltage protection	30-35V	30-35V

GENERAL

Efficiency (typ)	82%
Voltage isolation:	
Input-output	3KVA
Input-ground	2KVA
Output-ground	0.5KVA

ENVIRONMENTAL

Operating temperature	-10°C to 45°C = 100% output derating +60°C = 60% output derating
EMI	VCCI-B, FCC B, EN55011/EN55020 Class B conducted
Immunity	EN61000-4-2,3,4,5,6, 8, 11
Shock	less than 196mS ² (in package)
Vibration	10 - 55Hz (sweep for 1 min) 19.6mS (superscript: 2) constant X, Y, Z, one hour each
Storage temperature	-30°C to 85°C
Safety approvals	UL60950, CSA60950, EN60950, CUL, EN50178

TABLE OF MODELS

Model	Nominal power		Maximum power		Volts
	Watts	Amps	Watts	Amps	
ZWS150PAF-24/SA	151.2	6.3	288	12	24
ZWS240PAF-24/SA	240	10	480	20	24
ZWS150PAF-36/SA	151.2	4.2	288	8	36
ZWS240PAF-36/SA	241.2	6.7	478.8	13.3	36
ZWS150PAF-48	148.8	3.1	288	6	48
ZWS240PAF-48/SA	240	5	480	10	48

Case style and connection options are available. Refer to part number format

ZWS 150PAF - 24/

Series name

Output wattage

Rated output voltage



J - JST connector

L - with L angle

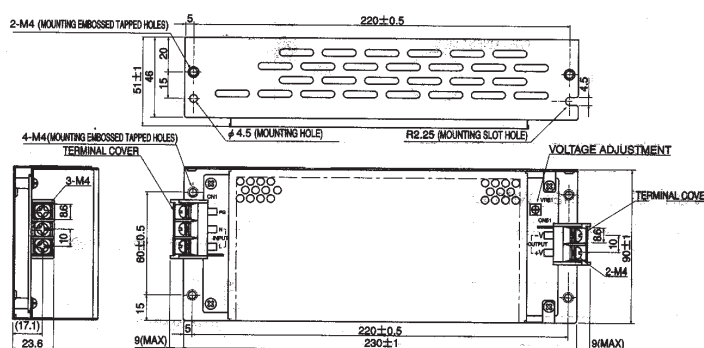
A - with cover

T - Vertical terminal block

S - Horizontal terminal block

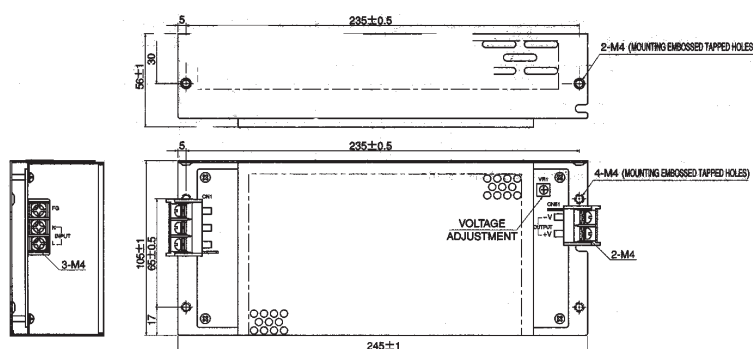
PHYSICAL SPECIFICATION

ZWS150PAF-240/SA (Horizontal terminal, with cover type)



(Unit: mm)

ZWS240PAF-240/SA (Horizontal terminal, with cover type)



(Unit: mm)