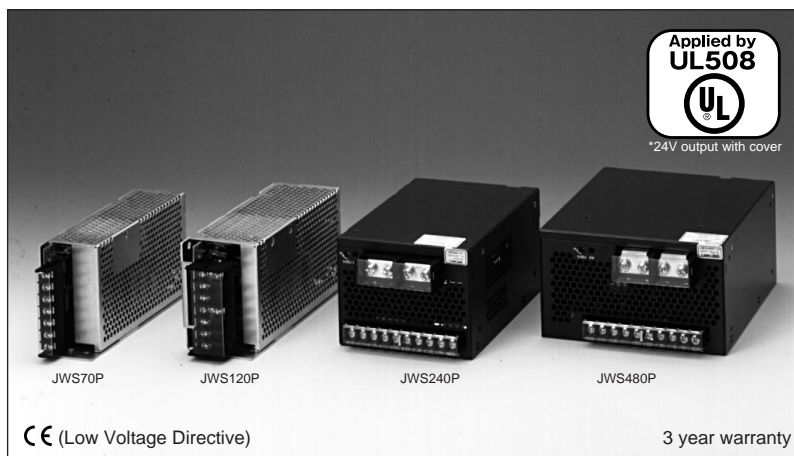


# JWS-P-SERIES

Peak current / Single output 70 ~ 480W

**LAMBDA**  
DENSEI-LAMBDA

Unit Type Power Supply








## Model name JWS120P - 24

Nominal output voltage  
Average output power  
Series name

## Features

- CE marking (Low Voltage Directive)
- Applicable to peak output current, compact package
- Universal Input (85 ~ 265VAC)
- Power Factor & Harmonic Correction (Conform to EN61000-3-2)
- EMI (Built to meet EN55011-A, EN55022-A, VCCI-A, FCC-A)
- Remote ON/OFF control (JWS240P & JWS480P)

## Specifications

1. Input voltage range	85 ~ 265VAC ( 47 ~ 63Hz) Universal input
2. Power Factor	0.99 (typ) at 100VAC Average load, 0.92 (typ) at 200VAC Average load
3. Cooling	JWS70P, JWS120P: Convection cooling, JWS240P, JWS480P: Forced air by built-in blower
4. Operating Temperature	-10 ~ +60°C (-10 ~ +50°C: 100%, +60°C: 60%)
5. Withstand Voltage	Input to output: 3kVAC (20mA), Input to FG: 2kVAC (20mA), Output to FG: 500VAC (100mA) for 1 min.
6. Conducted emission noise	Built to meet EN55011-A, EN55022-A, FCC class A, VCC I class A
7. Radiated emission noise	Built to meet EN55011-A, EN55022-A, FCC class A, VCC I class A
8. PFHC	Built to meet EN61000-3-2
9. Safety standard	Approved by UL1950  , CSA950  , EN60950  , VDE0160  and UL508  (optional, Note)
10. Functions	OVP, OCP, Thermal protection, JWS240P, JWS480P: Remote ON/OFF control

Note: JWS150P 24V output with cover model - UL508 approval is expented to be confirmed in August 2002

## Line-up

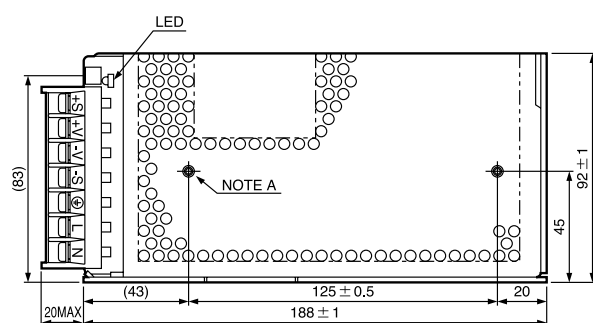
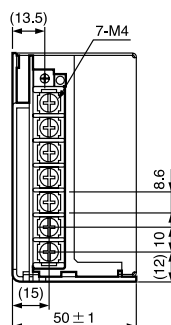
Model		Output Voltage	Average Output Current	Average Output Power	Peak output Current (*1)	Peak output Power (*1)	UL	CSA	EN
JWS70P	JWS70P-24	24V	3.0A	72W	6.0A	144W	○	○	○
	JWS70P-48	48V	1.5A	72W	3.0A	144W	○	○	○
JWS120P	JWS120P-24	24V	5.0A	120W	10.0A	240W	○	○	○
	JWS120P-48	48V	2.5A	120W	5.0A	240W	○	○	○
JWS240P	JWS240P-24	24V	10.0A	240W	20.0A	480W	○	○	○
	JWS240P-36	36V	6.65A	239.4W	13.3A	478.8W	○	○	○
	JWS240P-48	48V	5.0A	240W	10.0A	480W	○	○	○
JWS480P	JWS480P-24	24V	20.0A	480W	40.0A	960W	○	○	○
	JWS480P-48	48V	10.0A	480W	20.0A	960W	○	○	○

(\*1) Operating time at peak output is less than 10 seconds. (Duty ≤ 0.5)

○ : Safety standard approved

## Outline drawing

### JWS70P



#### NOTES

- A: M4 EMBOSSED, TAPPED AND COUNTERSUNK HOLES (5) FOR CUSTOMER CHASSIS MOUNTING. SCREWS MUST NOT PROTRUDE INTO POWER SUPPLY BY MORE THAN 6mm.
- B:  $\phi 4.5$  HOLES (2) FOR CUSTOMER CHASSIS MOUNTING. (USE M4 MOUNTING SCREWS.)

#### Recommended Noise Filter

MAW-1202-22



GO!!  
P134

#### Recommended Power Supply Fixture P198

(Unit: mm)

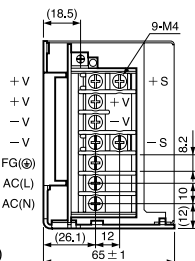


# JWS-P-SERIES

**LAMBDA**  
DENSEI-LAMBDA

## ■ Outline drawing

### JWS120P



#### NOTES

- A: M4 EMBOSSED, TAPPED AND COUNTERSUNK HOLES (7) FOR CUSTOMER CHASSIS MOUNTING. SCREWS MUST NOT PROTRUDE INTO POWER SUPPLY BY MORE THAN 6m/m.  
B:  $\phi 4.5$  HOLES (2) FOR CUSTOMER CHASSIS MOUNTING. (USE M4 MOUNTING SCREWS.)

#### ● Recommended Noise Filter

MAW-1202-22

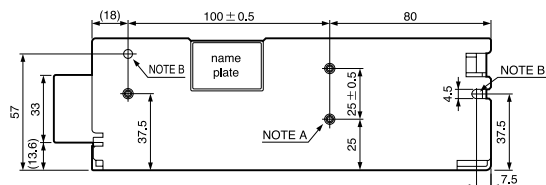
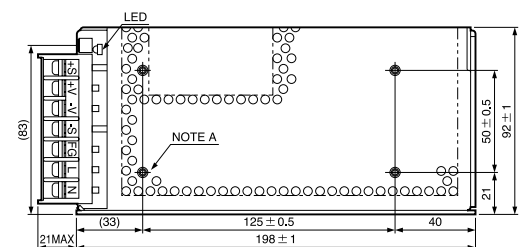


P134

#### ● Recommended Power Supply Fixture

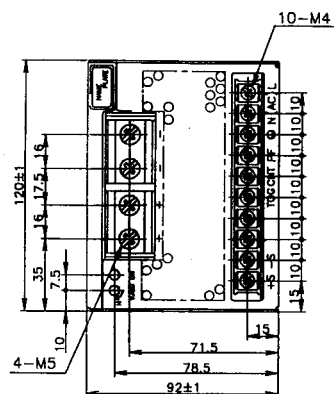
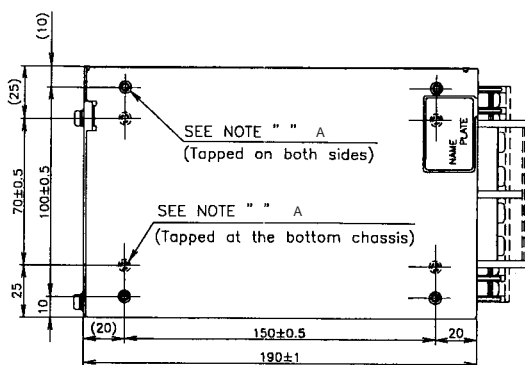
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P198

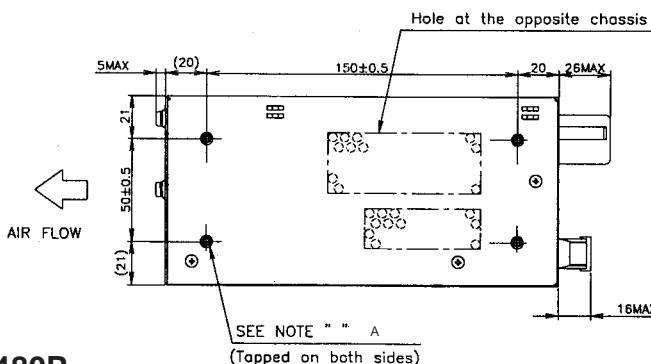


(Unit: mm)

### JWS240P



NOTE A: M4 tapped holes (20) for customer chassis mounting. [Screws must not protrude into power supply by more than 6m/m.]



#### ● Recommended Noise Filter

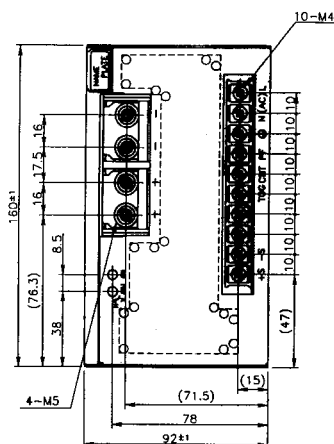
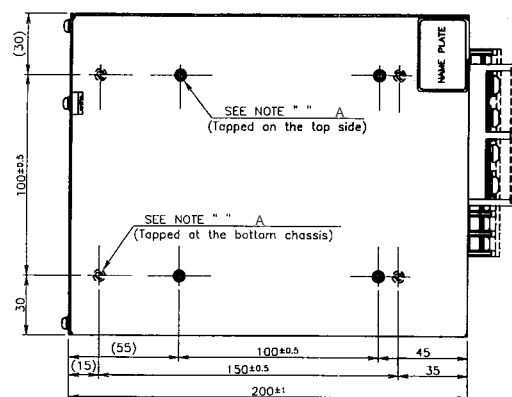
MAW-1205-22



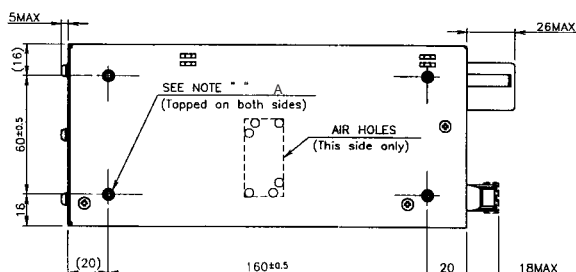
GO!!  
P134

(Unit: mm)

### JWS480P



NOTE A: M4 tapped holes (16) for customer chassis mounting. [Screws must not protrude into power supply by more than 6m/m.]



(Unit: mm)