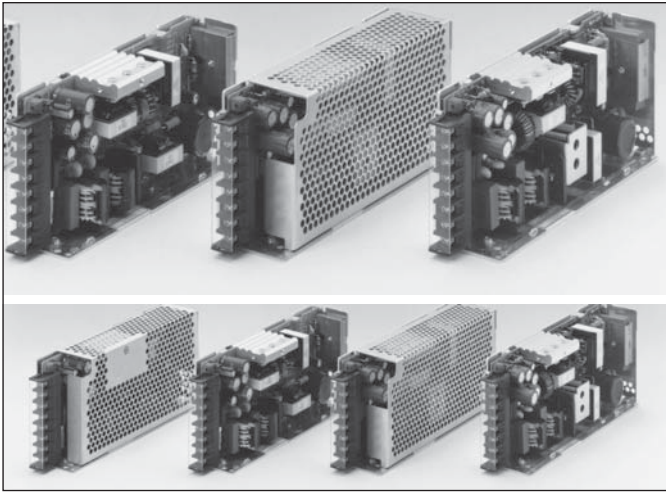


# JWT SERIES

AC/DC Multi Output: 75 - 100 Watts



## Features

- Universal input 85~264VAC
- Power factor correction
- Harmonic current per EN61000-3-2
- Remote on/off control option
- CE marking to low voltage directive
- Immunity to EN61000-4
- Vented case with screw terminals
- Safety approvals to IEC950, EN60950, UL1950
- Meets international EMC standards
- Suitable for a wide range of industrial applications
- Convection cooled, no fans

## Specifications

<b>INPUT VOLTAGE:</b>	85 ~ 264VAC
<b>FREQUENCY:</b>	47 ~ 63Hz
<b>INPUT CURRENT (@230VAC):</b>	JWT75: 0.6A JWT100: 0.7A
<b>INPUT HARMONICS:</b>	Power factor corrected 0.93 EN61000-3-2
<b>EFFICIENCY:</b>	Model dependent typically 72%
<b>OUTPUT VOLTAGE:</b>	Refer to table
<b>VOLTAGE ADJUSTMENT:</b>	V1 only adjustable 5.0~5.25
<b>OUTPUT POWER:</b>	75~100 watts
<b>INRUSH CURRENT:</b>	Typically 28A
<b>LINE REGULATION:</b>	Typically $\pm 0.4\%$
<b>LOAD REGULATION:</b>	Typically $\pm 0.8\%$
<b>PROTECTION:</b>	105% current limiting with auto recovery. 115~135% OVP on V1, will shut down output, recycle input power after approx. one minute
<b>RIPPLE &amp; NOISE:</b>	120~150mV: V1 to V3
<b>HOLD UP TIME:</b>	Typically 20mS at 230VAC
<b>OPERATING TEMP:</b>	0° to +50°C @ 100% load, 0° to +65°C @ 50% load
<b>HUMIDITY:</b>	30~90% RH non-condensing
<b>COOLING:</b>	Convection cooled
<b>ISOLATION:</b>	Input - output: 3000VAC Output - chassis: 500VAC Input - chassis: 2000VAC
<b>VIBRATION:</b>	10~55Hz amplitude. Less than 2G X, Y, Z for one hour
<b>SHOCK:</b>	Less than 20G
<b>SAFETY:</b>	Approved to EN60950, UL1950, CAS950 and UL508
<b>EMC:</b>	EN55022 - B conducted and radiated
<b>IMMUNITY:</b>	IEC1000 - 4 - 2 ESD IEC1000 - 4 - 3 Radiated IEC1000 - 4 - 4 Elect fast transients IEC1000 - 4 - 4 Lightning strike IEC1000 - 4 - 6 Conducted
<b>CONNECTIONS:</b>	Screw terminal connector
<b>DIMENSIONS:</b>	JWT75: 205 x 92 x 42mm      600gm. JWT100: 220 x 92 x 49mm      720gm.
<b>INDICATOR:</b>	DC OK outout LED

MODEL	Output V1	Output V2	Output V3
JWT75-522-A	+5V 0.8~8.0A	+12V 4.0A	-12V 0.5A
JWT75-5FF-A	+5V 0.8~8.0A	+15V 3.2A	-15V 0.5A
JWT75-525-A	+5V 0.8~8.0A	+12V 4.0A	-5V 0.5A
JWT100-522-A	+5V 1.3~13.0A	+12V 5.5A	-12V 1.0A
JWT100-5FF-A	+5V 1.3~13.0A	+15V 4.5A	-15V 1.0A
JWT100-525-A	+5V 1.3~13.0A	+12V 5.5A	-5V 1.0A

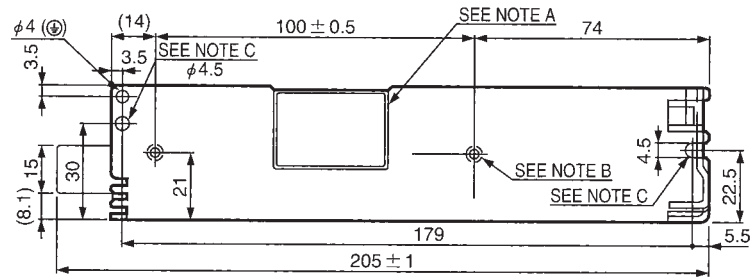
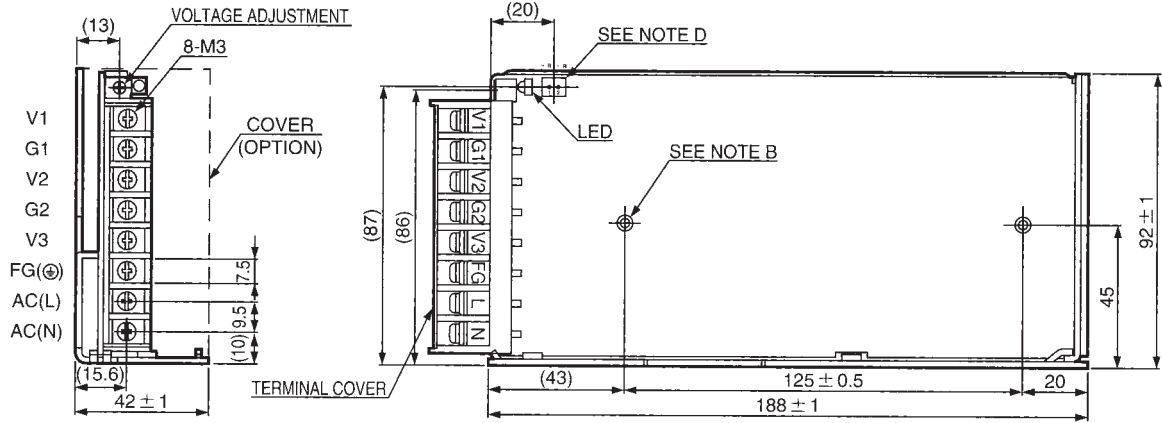
### NOTES:

1. JWT75: maximum power 75W, convection cooled.
2. JWT100: maximum power 100W, convection cooled.
3. Minimum load required on V1 to meet design, MTBF and regulation.
4. Units are also available with Molex connector instead of terminal screws.

# JWT SERIES

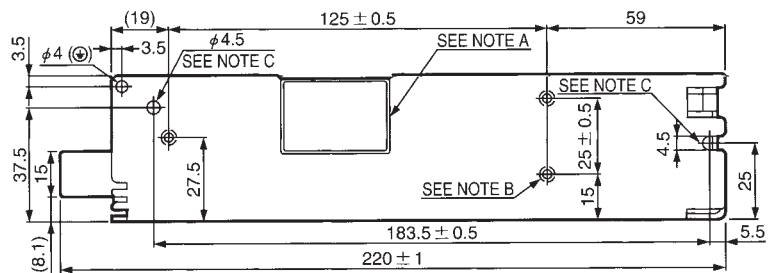
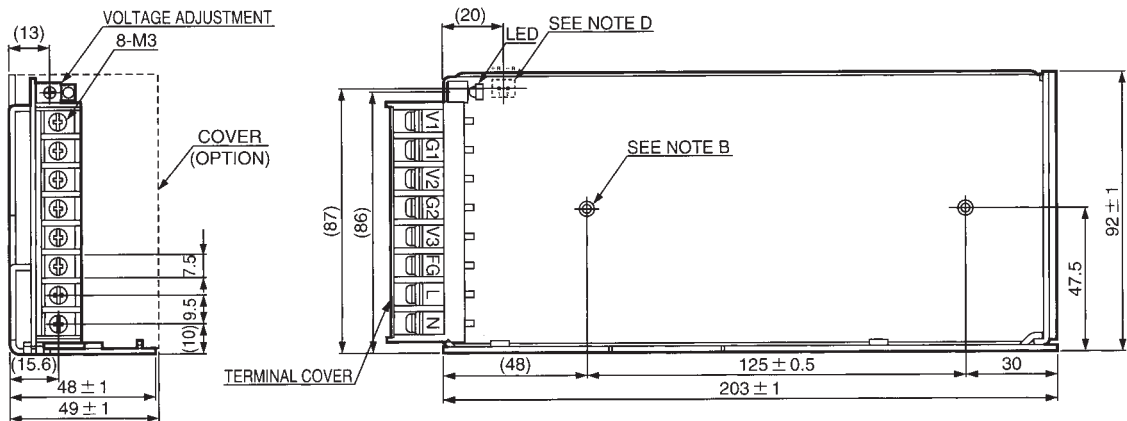
AC/DC Multi Output: 75 - 100 Watts

## JWT75



(Unit: mm)

## JWT100



(Unit: mm)