



**THE DATASHEET OF  
JWT75-522/A**



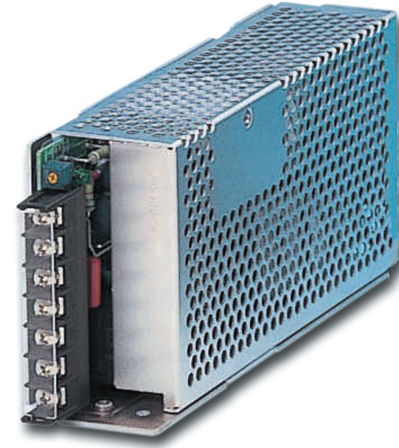
## Triple Output Industrial Power Supplies

### Features

- ◆ 5 Year Warranty
- ◆ Power factor Corrected
- ◆ Approved to VDE0160 Machinery Directive
- ◆ Universal Input (85 - 265VAC)
- ◆ Level B EMI

### Key Market Segments & Applications

- ◆ Factory Automation Process Control, NC-Machining, Automotive, Packaging Equipment, Materials Handling, Chemical Processing, Robots
- ◆ Test & Measurement Burn-in & Test, Automated Test, Instrumentation, Measurement, Detection





**Not recommended for new designs - see CUT series**

| Specifications            |    | JWT75   | JWT100        |
|---------------------------|----|---|---------------|
| Max Output Power          | W  | 75  | 100           |
| Efficiency (Typ)          | %  | 72  |               |
| Input Voltage range       | -  | 85 - 265VAC (47 - 63Hz) or 120 - 330VDC   |               |
| Input Current Typ         | A  | 1.2 / 0.6   | 1.4 / 0.7     |
| Inrush Current            | A  | 14A at 100VAC, 28A at 200VAC input  |               |
| Power Factor              | -  | Meets EN61000-3-2   |               |
| Output Voltage Accuracy   | -  | V1 variable, V2 & V3 +/-5%  |               |
| Temperature Coefficient   | -  | V1 & V2 <0.02%/°C, V3 <0.03%/°C   |               |
| Overcurrent Protection    | -  | >105%   |               |
| Overvoltage Protection    | V  | Main output only: 5.7 - 7V  |               |
| Hold Up Time (Typ)        | ms | 20  |               |
| Leakage Current           | -  | 0.75mA Max, 0.44mA typical at 230VAC  |               |
| Operating Temperature     | -  | -10°C to +65°C, derate linearly to 50% load from 50°C to 65°C<br>-10°C to +50°C, derate linearly to 60% load from 40°C to 50°C with cover |               |
| Storage Temperature       | -  | -30 to +85°C  |               |
| Humidity                  | -  | 30 - 90% RH (operating), 10 - 95% RH (non operating)  |               |
| Cooling                   | -  | Convection  |               |
| Withstand Voltage         | -  | Input to Ground 2kVAC (20mA), Input to Output 3kVAC (20mA),<br>Output to Ground 500VAC (100mA) for 1 min.                                 |               |
| Isolation Resistance      | -  | >100M at 25°C & 70%RH, Output to Ground 500VDC  |               |
| Vibration (non operating) | -  | 10 - 55Hz (1 minute sweep), 2G constant X, Y, Z 1 hour  |               |
| Shock                     | -  | <20G  |               |
| Safety Agency Approvals   | -  | IEC/UL/CSA/EN62368-1, 60950-1, CE Mark  |               |
| Conducted & Radiated EMI  | -  | EN55011 / EN55022-B, FCC Class B, VCCI-B  |               |
| Recommended EMI Filter    | -  | RSEL-2002W  |               |
| Weight (Typ)              | g  | 600   | 720           |
| Size (WxHxD)              | mm | 42 x 92 x 188   | 48 x 92 x 203 |
| Warranty                  | -  | Five Years  |               |



## Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

-  [View JWT75-522/A on WIN SOURCE](#)
-  [TDK-Lambda Americas Inc. Information](#)

## Optimize Your Supply Chain with WIN SOURCE Solutions

-  Global Sourcing Solution
-  Obsolete Management
-  Cost Control Management
-  Shortage Management
-  Alternative Solution
-  Excess Inventory Management