



ETA-USA

The Power Professionals

AOJS25

25W AC/DC



Features

- Inrush Current Limit
- Wide Input voltage range
- Universal input voltage or user selectable voltage
- Over voltage protection
- Overcurrent protection
- **3 Yr warranty**

| MODEL/CHANNEL | | Unit | AOJS25-3.3 | AOJS25-5 | AOJS25-9 | AOJS25-12 | AOJS25-15 | AOJS25-24 | AOJS25-48 | |
|-----------------------------|-----------------------------|---|---|----------|----------|-----------|-----------|-----------|-----------|--|
| OUTPUT | Nominal Voltage | V | 3.3 | 5 | 9 | 12 | 15 | 24 | 48 | |
| | Current | A | 6 | 5 | 2.8 | 2.1 | 1.7 | 1.1 | 0.57 | |
| | Line Regulations | mV | 17 | 25 | 45 | 60 | 75 | 120 | 240 | |
| | Load Regulations | mV | 66 | 75 | 50 | 60 | 75 | 120 | 240 | |
| | Temperature Drift 0-50°C | mV | 50 | 75 | 135 | 180 | 225 | 360 | 720 | |
| | Ripple & Noise(pk-pk) | mV | 80 | 80 | 120 | 120 | 120 | 120 | 220 | |
| | Ripple | mV | 50 | 50 | 100 | 100 | 100 | 100 | 180 | |
| | Turn-on Time typ. | ms | 1500 max(AC IN 100V, Io=100%) | | | | | | | |
| | Hold-up Time typ. | ms | 14(AC IN 100V, Io 100%) | | | | | | | |
| INPUT | Voltage, Frequency | V | AC100-240V (AC88~264VAC), 50/60Hz(47-440) or DC240-370V (User selectable) | | | | | | | |
| | Current Typ. 110V | A | 0.45 | 0.7 | | | | | | |
| | 220V | | 0.3 | 0.4 | | | | | | |
| | Efficiency Typ. 110V | % | 74 | 79 | 81 | 82 | 82 | 84 | 85 | |
| | 220V | | | | | | | | | |
| Inrush Current Typ. | A | 15A(AC IN 110V, LO=100%, 30°C TYP) 30A(AC IN 220V, LO-100%, Cold Start) | | | | | | | | |
| Function | Over Current Protection(*2) | A | Short Protection | | | | | | | |
| | Remote Sensing | - | Available | | | | | | | |
| | Remote ON.OFF | - | Available | | | | | | | |
| | Cooling / O.T.P | - | Convection cooling | | | | | | | |
| Electrical Isolation | (1) Input - Output | - | AC 3 KV 1min., cut-off: 20mA / DC 500V 100 MO | | | | | | | |
| | (2) Input - F.G | - | AC 1.5 KV 1min., cut-off: 20mA / DC 500V 100 MO | | | | | | | |
| | (3) Output - F.G | - | AC 0.5 KV 1min., cut-off: 100mA / DC 500V 100 MO | | | | | | | |
| Environment | Operating temp. & Humidity | - | -25 ~+70 C with derating. 20~90% RH (NON condensing) | | | | | | | |
| | Storage temp. & Humidity | - | -20~75°C. 20~90% RH (NON condensing) | | | | | | | |
| | Vibration | - | 10~55Hz @ 1G 3 minutes PERIOD, 30 minutes along X, Y & Z axis | | | | | | | |
| Dimension | Size(WxLxH) / Weight | mm/g | 79x51x28.5/200 | | | | | | | |
| Safety | CB, CE, UL, C-UL | - | Approved | | | | | | | |
| Emission | Conducted Emission | - | Complies with EN55022-B, FCC-B, EN 55011 | | | | | | | |



ETA-USA

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