



ZME250-SX-F-W

250W



Features

- High Power density, 250W in 3" x 5" footprint
- Ultra low leakage current < 300uA @ 264VAC
- 2 year warranty



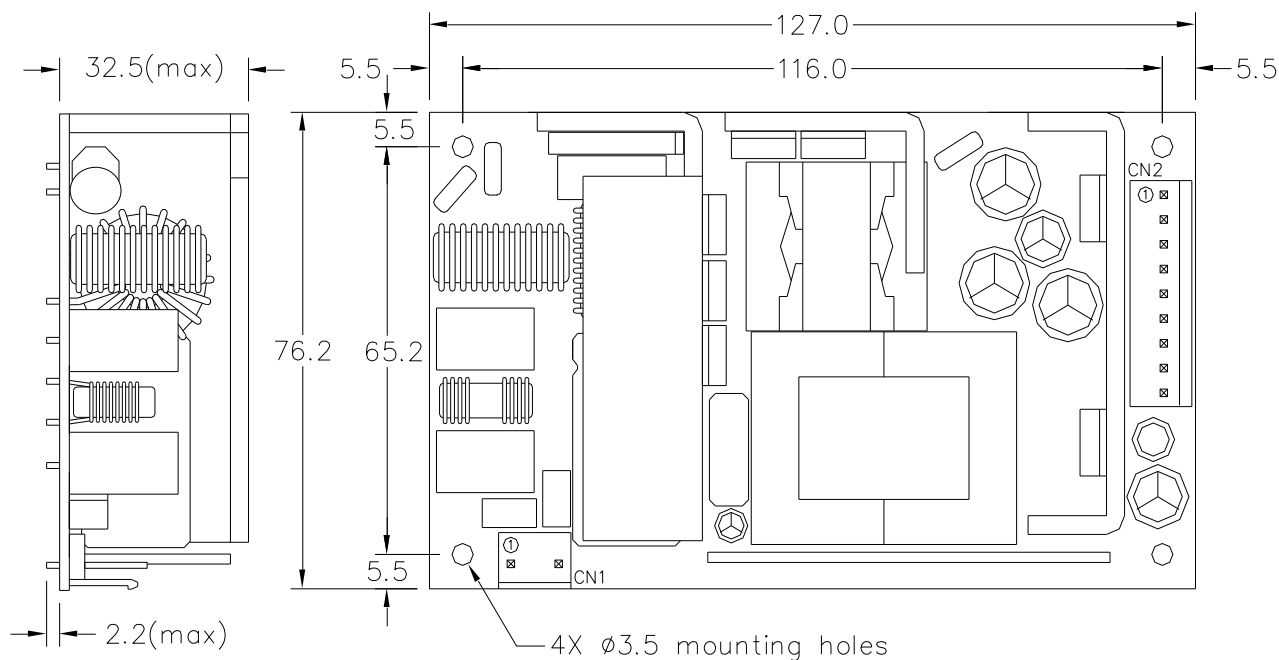
| MODEL/CHANNEL | | Unit | ZME250-12SX-F-W | ZME250-24SX-F-W | ZME250-24SX-F-W | ZME250-30SX-F-W |
|------------------------|----------------------------|------|--|-----------------|------------------|-----------------|
| OUTPUT | Norminal Voltage | V | 12 | 19 | 24 | 30 |
| | Convection | A | 16.67 | 10.53 | 8.34 | 6.67 |
| | Ripple & Noise Max | mV | 120 | 190 | 240 | 300 |
| | CFM Forced Air | A | 20.84 | 13.16 | 10.42 | 8.34 |
| MODEL/CHANNEL | | Unit | ZME250-36SX-F-W | ZME250-40SX-F-W | ZME250-48SX-F-W | |
| OUTPUT | Norminal Voltage | V | 36 | 40 | 48 | |
| | Convection | A | 5.56 | 5 | 4.17 | |
| | Ripple & Noise Max | mV | 360 | 400 | 480 | |
| | CFM Forced Air | A | 6.95 | 6.25 | 5.21 | |
| | Output Regulation | A | ±5% | | | |
| INPUT | Input Voltage Range | V | 90-264VAC (Refer to derating curve) | | | |
| | Frequency | A | 47 - 63Hz | | | |
| | Input Current(rms): | % | 4A @115VAC; 2A @230VAC max. | | | |
| | Power factor | - | > 0.95 @115VAC; > 0.9 @230VAC @full load | | | |
| | Efficiency | % | > 85% typical @full load, 115VAC | | | |
| | Inrush Current | VAC | < 50A peak @115VAC; < 100A peak @230VAC cold start @25°C | | | |
| | Hold Up Time | VAC | > 10ms typical @full load, 115VAC | | | |
| | Maximum output power | - | 250 Watts with 17.1CFM forced air cooling | | | |
| Protection | Overload Protection | V | 105% to 150% maximum rating, Auto-recovery | | | |
| | Over Voltage Protection | A | Shutdown and latch off, A manual AC reset is necessary | | | |
| | Short Circuit Protection | - | Auto-recovery | | | |
| Environmental Agencies | Safety Standards | - | UL/c- UL UL60950-1,2nd Edition CSA 22.2-No.60950-1-07 NEMKO EN60950-1:2006+A11 | | | |
| | EMC Standards | - | FCC Class B | CISPR22 Class B | EN 55032 Class B | CE |
| Environment | Operating temp. & Humidity | - | 0 to +70°C (Derate linearly 2.5% per °C from 41 to 70°C) | | | |
| | Storage temp. & Humidity | - | -20°C to +85°C/Non-condensing 0% to 90% | | | |
| | MTBF demonstrated | - | > 100,000 hours @full load and 25°C ambient temperature | | | |
| Dimension | Size(WxHxD)/Weight | mm/g | 127Lx76.2Wx30H/400g | | | |





MECHANICAL SPECIFICATION

250W



MECHANICAL SPECIFICATION

250W

CN1: Input Connector

JST B3P-VH-B pitch: 3.96mm or equivalent, mates with JST VHR-3N or equivalent

| Pin # | Signal |
|-------|------------|
| 1 | AC Line |
| 2 | AC Neutral |

CN2: Output Connector

JST B9P-VH-B pitch: 3.96mm or equivalent, mates with JST VHR-9N or equivalent

| Pin # | Signal |
|-------|--------|
| 1 | RTN |
| 2 | RTN |
| 3 | RTN |
| 4 | RTN |
| 5 | +Vo |
| 6 | +Vo |
| 7 | +Vo |
| 8 | +Vo |
| 9 | +Vo |

