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| <ul style="list-style-type: none"> .LOW COST, HIGH RELIABILITY .105., WOUTPUT CAPACITOR .INTERNATIONAL AC INPUT RANGE .HIGH EFFICIENCY, LOW WORKING TEMPERATURE | <ul style="list-style-type: none"> • SOFT-START CIRCUIT, LIMITING AC SURGE CURRENT • SHORT CIRCUIT, OVERLOAD, OVER VOLTAGE PROTECTED .COMPACT SIZE, LIGHT WEIGHT .100% FULL LOAD BURN-IN TEST .BUILT IN EMI FILTER, LOW RIPPLE NOISE |
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| MODEL | M328 |
| SPECIFICATION | |
| DC OUTPUT VOLTAGE | 24V |
| OUTPUT V. TOLERANCE | ±1% |
| OUTPUT RATED CURRENT | 6.5A |
| OUTPUT CURRENT RANGE | 0-6.5A |
| RIPPLE & NOISE (p-p) | 240mV |
| LINE REGULATION | ±0.2% |
| LOAD REGULATION | ±0.2% |
| DC OUTPUT POWER | 156W |
| EFFICIENCY | 85% |
| DC VOLTAGE ADJ. | 21-28V |

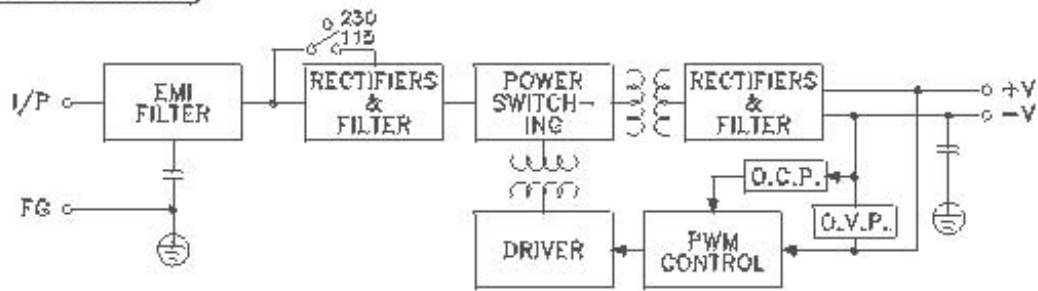


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|---------------------------|---|---------------|-----------|
| INPUT VOLTAGE RANGE | 88~132VAC / 176~264VAC SELECTED BY SWITCH 47~63Hz; 248~370VDC | | |
| AC CURRENT | 3.2A/115V 1.6A/230V | | |
| INRUSH CURRENT | COLD START 35A | | |
| LEAKAGE CURRENT | <3.5mA/240VAC | | |
| OVERLOAD PROTECTION | 105%~150% TYPE:OUTPUT SHUTDOWN RESET:RECYCLE AC ON / OFF | | |
| OVER VOLTAGE PROTECTION | 115%~135% | 125% ~145% | 115%~135% |
| OVER TEMP. PROTECTION | ----- | | |
| TEMP. COEFFICIENT | ±0.03% / °, W(0~50., W) | | |
| SETUP, RISE, HOLD UP TIME | 100ms, 50ms, 20ms | | |
| VIBRATION | 10~500Hz, 2G 10min./1cycle, PERIOD FOR 60min. EACH AXES | | |
| WITHSTAND VOLTAGE | I/P-O/P:3KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC | | |
| ISOLATION RESISTANCE | I/P-O/P, I/P-FG, O/P-FG:500VDC / 100M | | |
| WORKING TEMP., HUMIDITY | -10., W+60., W(REFER TO OUTPUT DERATING CURVE), 20%~90% RH | | |
| STORAGE TEMP., HUMIDITY | -20., W+85., W 10%-95% RH | | |
| DIMENSION | 199*110*50mm CASE:906 | | |
| WEIGHT | 0.8Kgs | | |
| SAFETY STANDARDS | UL1950, TUV EN60950 APPROVED | | |
| EMC STANDARDS | CISPR22 (EN55022), IEC1000-4-2,3,4,5 IEC1000-3-2 VERIFICATION | | |

- NOTE, i
- 1.ALL PARAMETERS ARE SPECIFIED AT 230VAC INPUT, RATED LOAD, 25., W70% RH. AMBIENT.
 - 2.TOLERANCE, i INCLUDE SET UP TOLERANCE, LINE REGULATION, LOAD REGULATION.
 - 3.RIPPLE & NOISE ARE MEASURED AT 20MHz BY USING A 12" TWISTED PAIR TERMINATED WITH A 0.1uF & 47uF CAPACITOR.
 - 4.LINE REGULATION IS MEASURED FROM LOW LINE TO HIGH LINE AT RATED LOAD.
 - 5.LOAD REGULATION IS MEASURED FROM 0% TO 100% RATED LOAD.
 - 6.C2,3,11 MUST BE REMOVED.

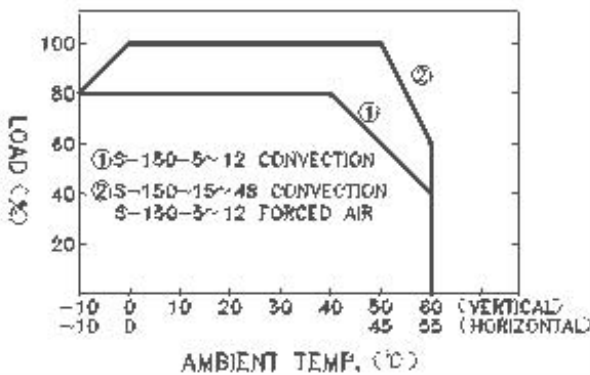
2000-03-06

BLOCK DIAGRAM

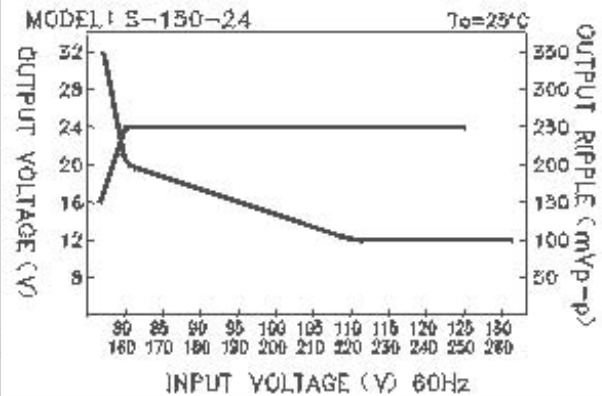


fosc : 25KHz

OUTPUT DERATING



STATIC CHARACTERISTICS



DIMENSION (mm)

- ☒ CASE : 906
- ☒ TERMINAL PIN NO. ASSIGNMENT
- ☒ PIN 1,2 : AC INPUT
- ☒ PIN 3 : FG ⊕
- ☒ PIN 4,5 : DC OUTPUT -V
- ☒ PIN 6,7 : DC OUTPUT +V

