

Country of Origin : China
 Operating Temperature : 0 ÷ 40[°C]
 Dimension : 75 x 34 x 43[mm]

RoHS



Approvals / Marks :



Features:

- PWM electrical design
- Wide range Input (90 ~ 264) VAC / (47 ~ 63) Hz
- Over load, over voltage & short protection
- Output connector: standard: 2.1x5.5x11 or customer requirement
- Available in version: W2E(EU), W2(USA), W3U(UK), W2K(Korea)

Specification:

| | | OUTPUT | | | | | | | | | |
|---------------|--|--|------------------|---------------|----------|---------|---|----------------|----------------|---------------------|-------------------|
| | Model | Voltage DC [V] | min. Load [A] | max. Load [A] | Tol. [%] | OCV [A] | OVP [V] | Efficiency [%] | Max. Power [W] | Ripple & N [mV] p-p | Connector [mm] |
| OUTPUT | SYS1308-1005-W2E | 5 | 0 | 2 | ±5 | 2.5~4.5 | 7~9 | >65 | 10 | 80 | A.B.C.D.U.V.Z.(*) |
| | SYS1308-1505-W2E | 5 | 0 | 3 | ±5 | 3.5~6.0 | 6~8 | >65 | 15 | 80 | 2.1x5.5x11 |
| | SYS1308-1808-W2E | 7.5 | 0 | 2.4 | ±5 | 3.0~5.5 | 9~11 | >70 | 18 | 100 | 2.1x5.5x11 |
| | SYS1308-1809-W2E | 9 | 0 | 2 | ±5 | 2.5~4.5 | 11~14 | >70 | 18 | 100 | 2.1x5.5x11 |
| | SYS1308-2412-W2E | 12 | 0 | 2 | ±5 | 3.5~5.5 | 14~16 | >70 | 24 | 120 | 2.1x5.5x11 |
| | SYS1308-2415-W2E | 15 | 0 | 1.6 | ±5 | 2.0~4.0 | 17~19 | >70 | 24 | 120 | 2.1x5.5x11 |
| | SYS1308-2418-W2E | 18 | 0 | 1.33 | ±5 | 2.0~4.0 | 20~22 | >70 | 24 | 120 | 2.1x5.5x11 |
| | SYS1308-2424-W2E | 24 | 0 | 1 | ±5 | 1.5~4.5 | 26~28 | >70 | 24 | 240 | 2.1x5.5x11 |
| | (* DC Connectors | "A" — 1.7 x 4.75 x 11.0 (black) "C" — 2.5 x 5.5 x 10.5 (yellow) "U" — 1.7 x 5.5 x 10.5 "Z" — 1.35 x 3.5 x 10.5 (D-type) | | | | | "B" — 2.1 x 5.5 x 10.5 (black) "D" — 3.0 x 6.3 x 9 (yellow) "V" — 1.7 x 4.0 x 11 (yellow) | | | | |
| INPUT | Voltage | (90 ~ 264) VAC | | | | | | | | | |
| | Frequency | (47 ~ 63) Hz | | | | | | | | | |
| | Current | 1A @ 230VAC | | | | | | | | | |
| | Surge Current max. | 60Amax. @ at 240Vac input, with rated load and 25°C ambient | | | | | | | | | |
| | Leakage current | <0.25 mA @ 240Vac input | | | | | | | | | |
| PROTECTION | Over load | OCV | Fold back | | | | | | | | |
| | Over Voltage | OVP | Voltage limiting | | | | | | | | |
| | Short Circuit | Yes, Output to Ground, Auto recovery when fault has been removed. Short Current & Over Current can not exceed 8A max. after 1minute at nominal line input. | | | | | | | | | |
| | Protection class | II | | | | | | | | | |
| | No Load Operation | Yes, to protect the power supply and system from damage | | | | | | | | | |
| OTHERS | Dielectric Strength | HI-POT B / I/P-O/P (FG): 3KVAC / 10mA / 1 minute | | | | | | | | | |
| | Set up time | 7s max. @ AC low line Input & Output full load | | | | | | | | | |
| | Hold-up Time | 10ms @ AC nominal Input and Output full load | | | | | | | | | |
| | MTBF Qualification | > 35K hours | | | | | | | | | |
| | DC cable & connector | Standard length of the cable 1,8m & It depends on customer requirements and upon specifications | | | | | | | | | |
| | Efficiency (Normal) | >77.6% min. @ 240VAC input & Full load | | | | | | | | | |
| | Power Consumption | Max. 0.5W @ AC nominal Input and Output min. load | | | | | | | | | |
| Input Fuse | 1A protected against power line surges and any abnormal conditions | | | | | | | | | | |
| Environment | Temperature | Operating: (0 ~ 40)°C / Storage: (-20 ~ 85)°C | | | | | | | | | |
| | Humidity | Operating: (8 ~ 90)% RH / Storage: (5 ~ 95)% RH non condensing | | | | | | | | | |
| SAFETY | | CE TUV/GS CB TUV EN60065:2002 / IEC 60065 | | | | | | | | | |
| EMC | EMI | EN55022 Class B / FCC part 15 subpart B Class B / EN61000-3-2(2000) / EN61000-3-3(1995) + A1(2001) | | | | | | | | | |
| | EMS | IEC61000-4-2,5,8(2001) / IEC61000-4-3(2002) / IEC61000-4-6(2002)+A1(2003) / IEC61000-4-4,11(2004) EN55024(1998)+A1(2001)+A2(2003) | | | | | | | | | |
| WEIGHT | 1pc | N.W.: 95g / pc G.W.: 110g / pc | | | | | | | | | |
| PACKING | Box | 0.48 x 0.26 x 0.44 [m] | | | | | | | | | |
| | | 56pcs / 1box | | | | | | | | | |
| | | G.W.: 10.7 kg / box | | | | | | | | | |

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