### R.

# DRP-480S Series - 480W Single Output PFC Function DIN RAIL Power Sup

<u>Home</u> > <u>Products</u> > <u>Enclosed</u> > 480W Single Output PFC Function DIN RAIL Power Sup

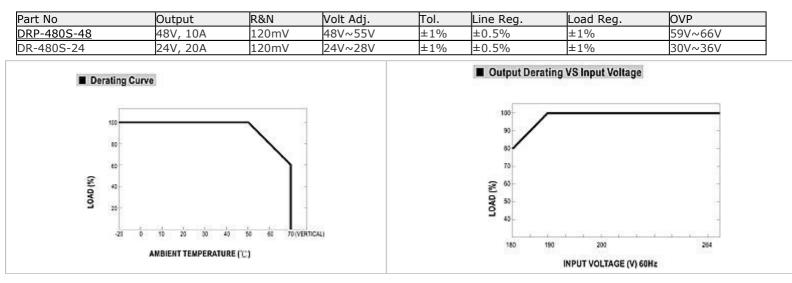
| Features   | Standards |
|--|-----------|
| AC input range selected by switch                                  |           |
| Built-in passive PFC function compliance to EN61000-3-2            |           |
| High efficiency 89% and low dissipation                            |           |
| Protections: Short circuit/Over load/Over voltage/Over temperature |           |
| Cooling by free air convection                                     |           |
| Built-in constant current limiting circuit                         |           |
| Can be installed on DIN rail TS-35/7.5 or 15                       | ce # 2*   |
| UL 508 (industrial control equipment) approved                     |           |
| EN61000-6-2(EN50082-2) industrial immunity level                   | and a     |
| 100% full load burn-in test  |           |
| Specification  |           |

| INRUSH CURRENT<br>(MAX.)            | 30A/115VAC 50A/230VAC, cold start   |
|-------------------------------------|---|
| EFFICIENCY                          | 89% typically   |
| AC CURRENT                          | 11A/115VAC 4A/230VAC  |
| POWER FACTOR                        | >0.7 230VAC only  |
| FREQUENCY RANGE                     | 47 ~ 63Hz   |
| VOLTAGE RANGE                       | 90 ~ 132VAC / 180 ~ 264VAC by switch  |
| VIBRATION                           | 10 ~ 500Hz, 2G 10min/1cycle, 60min. each along X,Y,Z axes   |
| TEMP. COEFFICIENT                   | ?0.03%/?C (0 ~ 50?C)  |
| WITHSTAND VOLTAGE                   | I/P-O/P: 3KVAC I/P-FG: 1.5KVAC O/P-FG: 0.5KVAC  |
| ISOLATION<br>RESISTANCE             | I/P-O/P, I/P-FG, O/P-FG:100M Ohms/500VDC  |
| STORAGE<br>TEMPERATURE,<br>HUMIDITY | -40?C ~ +85?C, 10 ~ 95% RH  |
| MTBF                                | 187.9Khrs min. MIL-HDBK-217F (25?C)   |
| EMC                                 | Compliance to EN55011 CISPR11), EN55022 (CISPR22), EN61204-3 Class B; EN61204-3;<br>EN61000-3-2,-3; EN6     |
| WORKING<br>TEMPERATURE,<br>HUMIDITY | -10?C $\sim$ +70?C (Refer to output load derating curve), 20 $\sim$ 90% RH non-condensing                   |
| LEAKAGE CURRENT                     | <3.5mA / 240VAC   |
| OVER LOAD<br>PROTECTION             | $105{\sim}150\%$ of rate load. Constant current limiting, recovers automatically after fault condition is r |
| OVER VOLTAGE<br>PROTECTION          | Should an over voltage occur the outputs shall shutdown. Repower to recover                                 |
| OVER TEMPERATURE<br>PROTECTION      | 100?C?5?C (TSW:Detect on heatsink of power switch)Outputs will shutdown and auto recover once the te        |
| SETUP, RISE, HOLD<br>TIME           | 1200ms, 40ms, 20ms at full load   |
| SAFETY STANDARDS                    | UL508, UL60950-1, TUV EN60950-1 Approved  |



# Items

### DRP-480 S Series



 $\textcircled{O} Copyright 2006 Sunpower UK: \underline{Website \ design, \ hosting \ \& \ Technology: \ Strategies \ Group \ Plc}$