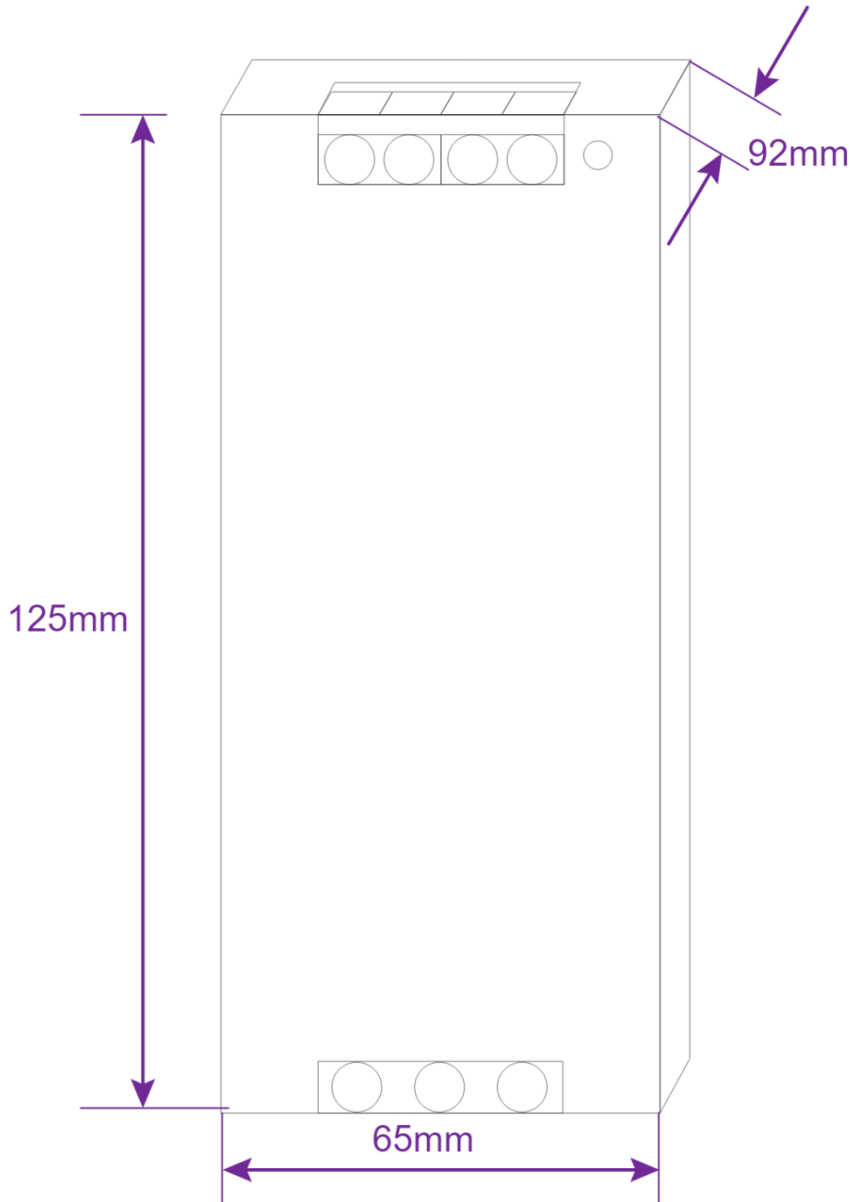


GRIFFIN GF-PS48240I Power Supply

48VDC/240 Watt Din-Rail Industrial Power Supply



- **Rated Power: 240 Watt**
- **Input Voltage : 100~240V AC (2.3A Max)**
- **Output Voltage : 48~58V DC (5A Max)**
- **Working Temp: -25 ~ +70°C**
- **Mounting: DIN Rail**

| | | |
|--------------|---------------------------|---|
| Output | DC Voltage | 48V |
| | Rated Current | 5A |
| | Current Range | 0 ~ 5A |
| | Rated Power | 240W |
| | Ripple & Noise (Max.) | 150mVp-p |
| | Voltage Adj. Range | 48 ~ 58VDC |
| | Voltage Tolerance | ±1.0% |
| | Line Regulation | ±0.5% |
| | Load Regulation | ±0.5% |
| | Setup, Rise, Hold Up Time | 2000ms, 70ms, 50ms/400V AC 2000ms, 70ms, 10ms/230V AC at Full Load |
| Input | Voltage Range | 100~240VAC |
| | Frequency Range | 47 ~ 63Hz |
| | Efficiency (Typ.) | 92.5% |
| | AC Current | 2.3A@115VAC, 1.3A@230VAC |
| | Inrush Current (Max.) | 20A@115VAC, 35A@230VAC |
| | Leakage Current | <3.5mA / 530V AC |
| Protection | Overload | 105 ~ 130% Rated Output Power |
| | Over Voltage | 57 ~ 63V |
| | Over Temperature | Shut Down O/P Voltage, Recovers Automatically After Temperature Goes Down |
| Function | DC OK Signal | Relay Contact Rating (Max): 30V / 1A Resistive |
| Environment | Working Temp | -25 ~ +70° (Refer to «Derating Curve») |
| | Working Humidity | 20 ~ 90% RH Non-Condensing |
| | Storage Temp, Humidity | -40 ~ +85°, 10 ~ 95% RH |
| | Temp. Coefficient | ±0.03% / °C (0 ~ 50°) °C |
| | Vibration | Compliance to IEC60068-2-6 |
| Safety & EMC | Safety Standards | UL508, EAC TP TC 004 approved, IEC60950-1 CB approved by SIQ, design refer to GL; (meet EN60204-1) |
| | Withstand Voltage | I/P-O/P:3KVAC, I/P-FG:2KVAC, O/P-FG:0.5KVAC, O/P-DC OK:0.5KVAC |
| | Isolation Resistance | I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25°C/ 70% RH |
| | EMC Emission | Compliance to EN55011 (CISPR11), EN55032 (CISPR32), EN61204-3 Class B, EAC TP TC 020 |
| | EMC Immunity | Compliance to EN61000-4-2,3,4,5,6,8,11, EN61204-3, EN61000-6-2 (EN50082-2), heavy industry level, criteria A, EAC TP TC 020 |
| General | Case | Stainless Steel |
| | Mounting | DIN Rail |
| | MTBF | 268K hrs min. MIL-HDBK-217F (25°C) |
| | Dimension | 125*65*92mm |
| | Weight | 0.7 kg |