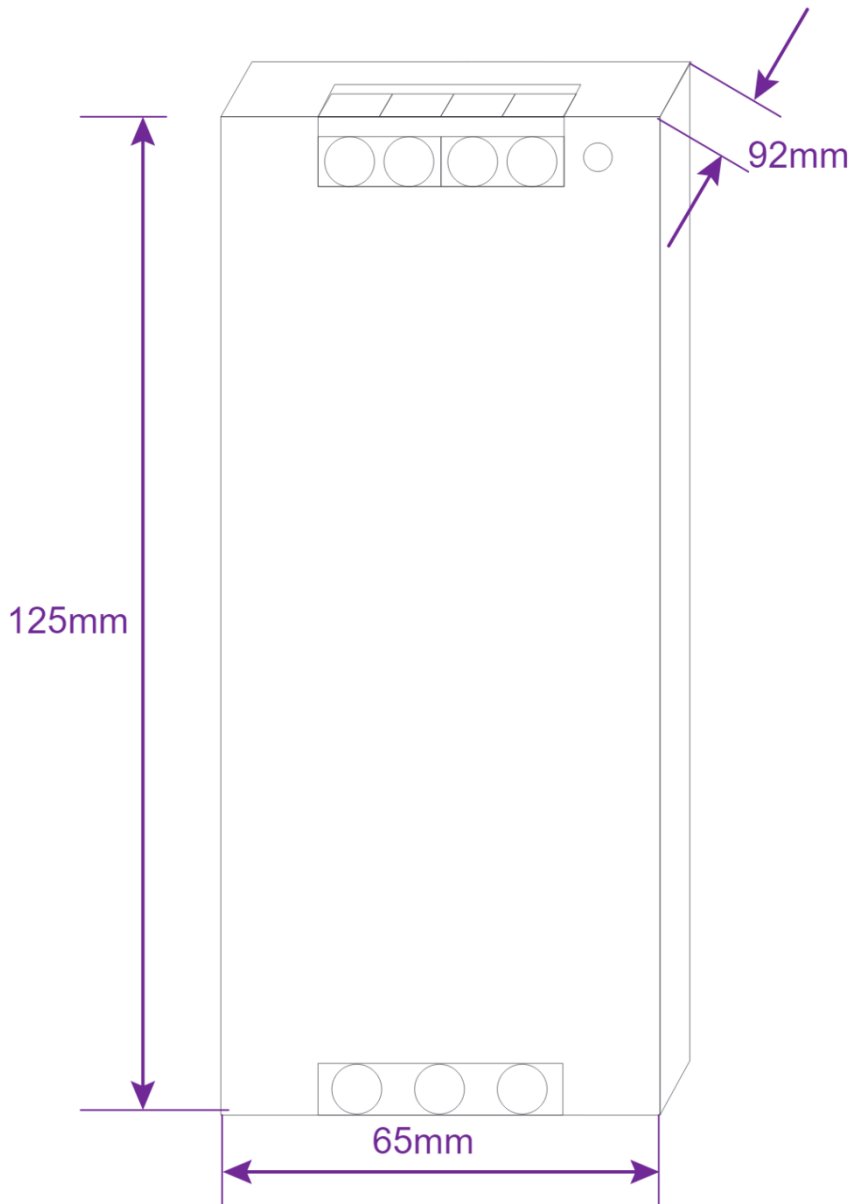


GRIFFIN GF-PS48120I Power Supply

48VDC/120 Watt Din-Rail Industrial Power Supply



- **Rated Power: 120 Watt**
- **Input Voltage : 100~240V AC (2.3A Max)**
- **Output Voltage : 48~58V DC (2.5A Max)**
- **Working Temp: -25 ~ +70°C**
- **Mounting: DIN Rail**

Output	DC Voltage	48V
	Rated Current	2.5A
	Current Range	0 ~ 2.5A
	Rated Power	120W
	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