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Constant Voltage Ultrathin Waterproof IP67 Power Supply FLB-24W



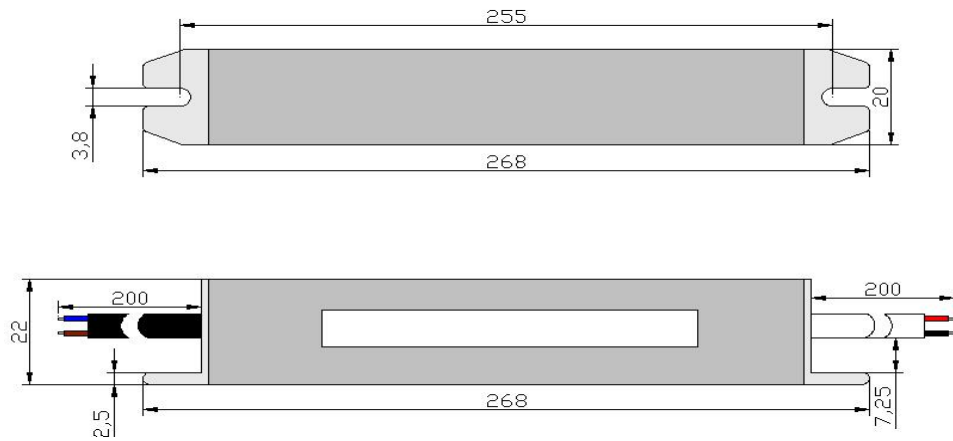
Features:

1. IP67 Constant Voltage design
2. 100-240VAC input
3. Withstand 300VAC surge input for 5seconds
4. Protections: Short circuit/Over load/Over current
5. Cooling by Convection or Forced air
6. 100% full load burn-in test
7. High Reliability



| SPECIFICATION | | FLB-24W12V2A | FLB-24W24V1A |
|---------------|----------------------|---|--------------|
| OUTPUT | Rated DC voltage | 12V | 24V |
| | Rated current | 2A | 1A |
| | Current range | 0-2A | 0-1A |
| | Rated Power | 24W | |
| | Voltage tolerance | 12±0.5V | 24±0.5V |
| | Ripple & Noise | ≤120mVP-P | ≤240mVP-P |
| | Load regulation | ±2% | |
| | Setup, Rise time | 50ms/230VAC | |
| | Hold up time | 20ms/230VAC | |
| INPUT | Voltage range | 100-240VAC | |
| | Frequency range | 47-63HZ | |
| | Efficiency(Tpy.) | >83% | >85% |
| | Leakage current | 0.25mA/230VAC | |
| PROTECTION | Over Current | 110%-150% | |
| | Reset After Shutdown | Protection type: Hiccup mode at after the fault has been removed | |
| ENVIRONMENT | Working TEMP. | -25°C-40°C | |
| | Storage TEMP. | -40°C-80°C | |
| | Working Humidity | From 10%to90% relative humidity (non-condensing) | |
| | Vibration | 10-500HZ,2G 10min/1cycle,preiod for 60min,each along X,Y,Z axes | |
| | TEMP. coefficient | ±0.03%°C (0-50°C) | |
| SAFETY&EMC | Safety Standards | Design refer to LVD EN61347-2-13:2006,EN61347-1:2008 | |
| | With stand Voltage | I/P-O/P:3KVAC,I/P-COVER:3KVAC,O/P-COVER:500VAC | |
| | Isolation Resistance | I/P-O/P:>100M Ohms/500VDC/25°C/70% RH | |
| | EMC | EN55015:2006/A2:2009,EN61000-3-2:2006/A2:2009,EN61000-3-3:2008,EN61547:2009 | |
| OTHERS | MTBF | 50KHours (25°C) | |
| | Dimension | 268*20*22mm(L*W*h) | |
| | Weight | 200g | |

Configuration dimensions(Unit:mm)



Circuit diagram:

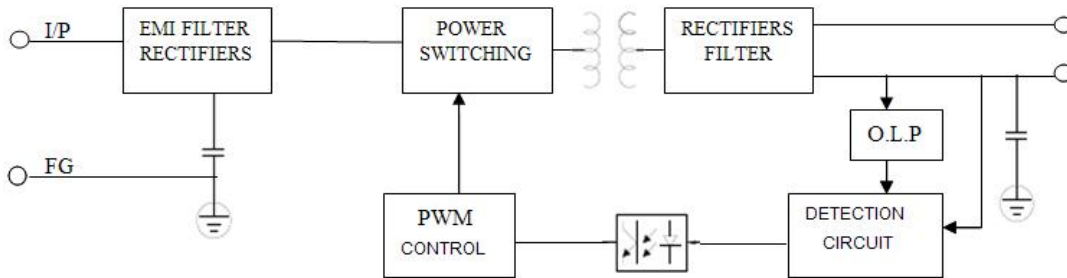


Diagram:

