

# Power Entry Modules Bolt-in with Wire Leads

## 60-BPL Series

### Features

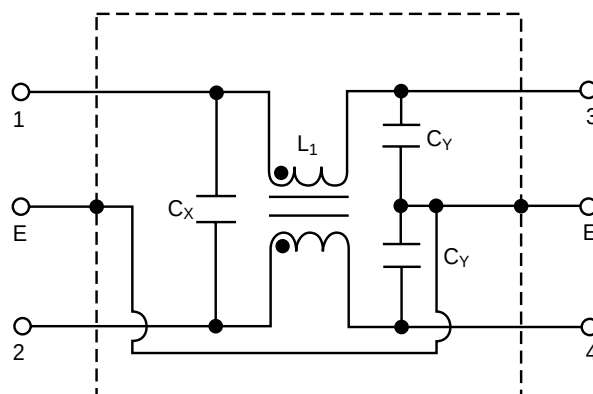
- Ideally suited for products that must conform to FCC part 15 regulations
- Metal case filter offers high performance
- Meets over voltage of IEC 664 category II and complies with IEC 950
- Uses IEC connector that meets most safety standards
- Wire output for minimizing space use and economical installation
- Operating temperature: -25°C to +85°C (including temperature rise, see graph on page 37)



Tested and found to be  
IAW VDE 0565 Part 3.



### Circuit Diagram



### Applications

- Digital equipment
- Personal computers and peripherals
- Measuring instruments
- Monitor and display units

### Specifications

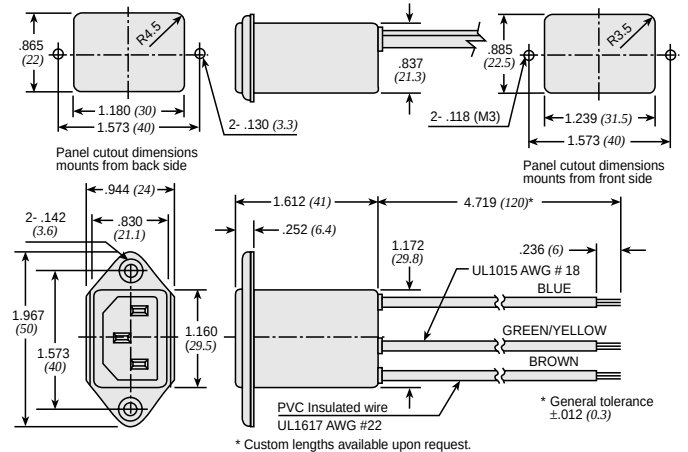
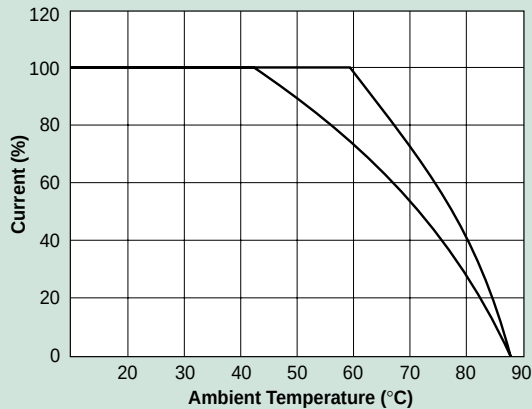
| Model          | Rated Voltage<br>(@ 50/60Hz) | Rated<br>Current | Leakage Current<br>(Max.) | Capacitance    |                | Inductance<br>(L <sub>1</sub> ) | Temperature<br>Rise (Max.) |
|----------------|------------------------------|------------------|---------------------------|----------------|----------------|---------------------------------|----------------------------|
|                |                              |                  |                           | C <sub>Y</sub> | C <sub>X</sub> |                                 |                            |
| 60-BPL-010-3-2 | 250VAC                       | 1A               | 0.35mA                    | 2200pF ± 20%   | 22nF ± 20%     | 6.0mH                           | 30°C                       |
| 60-BPL-010-3-3 |                              |                  |                           |                | 33nF ± 20%     |                                 |                            |
| 60-BPL-010-5-2 |                              |                  | 0.50mA                    | 3300pF ± 20%   | 22nF ± 20%     |                                 |                            |
| 60-BPL-010-5-3 |                              |                  |                           |                | 33nF ± 20%     |                                 |                            |
| 60-BPL-020-3-2 | 250VAC                       | 2A               | 0.35mA                    | 2200pF ± 20%   | 22nF ± 20%     | 2.4mH                           | 30°C                       |
| 60-BPL-020-3-3 |                              |                  |                           |                | 33nF ± 20%     |                                 |                            |
| 60-BPL-020-5-2 |                              |                  | 0.50mA                    | 3300pF ± 20%   | 22nF ± 20%     |                                 |                            |
| 60-BPL-020-5-3 |                              |                  |                           |                | 33nF ± 20%     |                                 |                            |
| 60-BPL-030-3-2 | 250VAC                       | 3A               | 0.35mA                    | 2200pF ± 20%   | .022uF ± 20%   | 1.2mH                           | 30°C                       |
| 60-BPL-030-3-3 |                              |                  |                           | 3300pF ± 20%   |                |                                 |                            |
| 60-BPL-030-5-2 |                              |                  | 0.50mA                    | 2200pF ± 20%   | .033uF ± 20%   |                                 |                            |
| 60-BPL-030-5-3 |                              |                  |                           | 3300pF ± 20%   |                |                                 |                            |
| 60-BPL-060-3-2 | 250VAC                       | 6A               | 0.35mA                    | 2200pF ± 20%   | 22nF ± 20%     | 0.53mH                          | 45°C                       |
| 60-BPL-060-3-3 |                              |                  |                           |                | 33nF ± 20%     |                                 |                            |
| 60-BPL-060-5-2 |                              |                  | 0.50mA                    | 3300pF ± 20%   | 22nF ± 20%     |                                 |                            |
| 60-BPL-060-5-3 |                              |                  |                           |                | 33nF ± 20%     |                                 |                            |

Note: Test voltage: 1500VAC one minute, line to ground  
Insulation resistance: 300 Mohm min. at 500VDC  
Voltage drop: 1V max. at rated current  
Weight: 50g  
Input: Compatible with IEC-320

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## 60-BPL Series

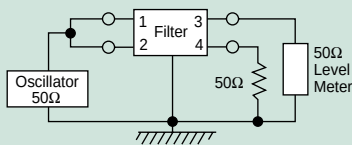
### Temperature Characteristics



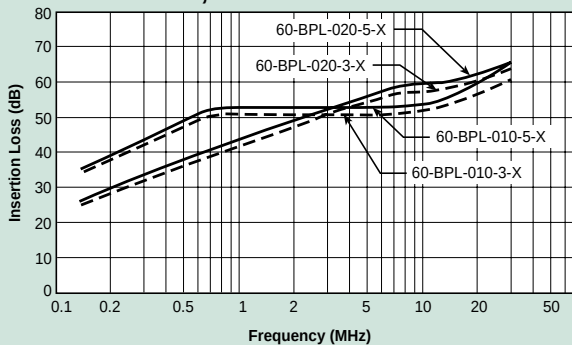
Dimensions in inches (mm)

Power Entry Modules

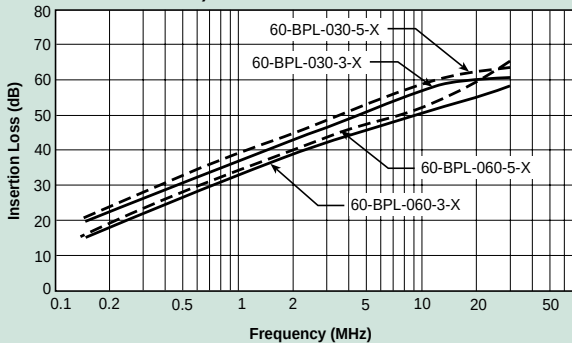
### Common Mode



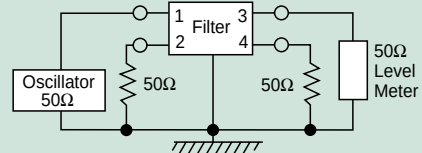
#### 60-BPL-010;-020



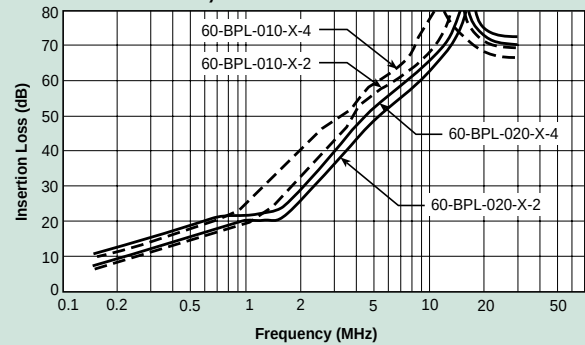
#### 60-BPL-030;-060



### Normal Mode



#### 60-BPL-010;-020



#### 60-BPL-030;-060

