

Power Entry Modules High Frequency Attenuation



60-BHS Series



Tested and found to be
IAW VDE 0565 Part 3.

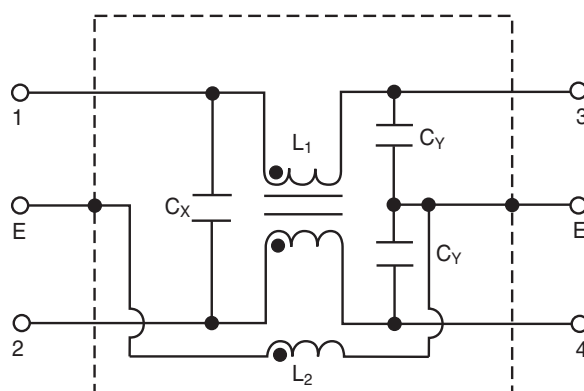
Features

- Ideally suited for products that must conform to FCC part 15 regulations
- Metal cased miniature filter offers high performance
- Meets over voltage of IEC 664 category II and complies with IEC 950
- PCB mounting types available (see page PF48)
- PCB mounting minimizes space and provides economical installation
- Excellent filtering characteristics for high frequencies
- Earth coil standard
- Operating temperature: -25°C to +85°C (including temperature rise, see graph on page PF21)

Applications

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

Circuit Diagram



Specifications

| Model | Rated Voltage (@ 50/60Hz) | Rated Current | Leakage Current (Max.) | Capacitance | | Inductance (L ₁) (L ₂) | | Temperature Rise (Max.) |
|-----------------|---------------------------|---------------|------------------------|----------------|----------------|------------------------------------------------|-------------------|-------------------------|
| | | | | C _Y | C _X | (L ₁) | (L ₂) | |
| 60-BHS-010-3-11 | 250VAC | 1A | 0.35mA | 2200pF ± 20% | 0.1µF ± 20% | 6mH | 18.3µH | 30°C |
| 60-BHS-010-3-4 | | | | | .047µF ± 20% | | | |
| 60-BHS-010-5-11 | | | 0.50mA | 3300pF ± 20% | 0.1µF ± 20% | | | |
| 60-BHS-010-5-4 | | | | | .047µF ± 20% | | | |
| 60-BHS-020-3-11 | 250VAC | 2A | 0.35mA | 2200pF ± 20% | 0.1µF ± 20% | 2.4mH | 18.3µH | 30°C |
| 60-BHS-020-3-4 | | | | | .047µF ± 20% | | | |
| 60-BHS-020-5-11 | | | 0.50mA | 3300pF ± 20% | 0.1µF ± 20% | | | |
| 60-BHS-020-5-4 | | | | | .047µF ± 20% | | | |
| 60-BHS-030-3-11 | 250VAC | 3A | 0.35mA | 2200pF ± 20% | 0.1µF ± 20% | 1.2mH | 18.3µH | 30°C |
| 60-BHS-030-3-4 | | | | | .047µF ± 20% | | | |
| 60-BHS-030-5-11 | | | 0.50mA | 3300pF ± 20% | 0.1µF ± 20% | | | |
| 60-BHS-030-5-4 | | | | | .047µF ± 20% | | | |
| 60-BHS-060-3-11 | 250VAC | 6A | 0.35mA | 2200pF ± 20% | 0.1µF ± 20% | .53mH | 18.3µH | 45°C |
| 60-BHS-060-3-4 | | | | | .047µF ± 20% | | | |
| 60-BHS-060-5-11 | | | 0.50mA | 3300pF ± 20% | 0.1µF ± 20% | | | |
| 60-BHS-060-5-4 | | | | | .047µF ± 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

Power Entry Modules High Frequency Attenuation

60-BHS Series

