

# Fused Filtered Power Entry Modules

For Medical or General Purpose Applications

## 66-67-BFF/66-67-BFS Series



Tested and found to be IAW VDE 0565 Part 3.

### Features

- Metric and North American fuse holders available
- Fuse holder provides effective EMI suppression of common and differential mode
- Suitable for products that must conform to FCC and FTZ requirements
- Meets over voltage category II of IEC 664 and complies with IEC 950
- Fast-on terminations or solder lug terminations
- Metal case provides effective EMI shielding
- Provides susceptibility protection without the leakage current associated with line-to-ground capacitance
- Reduces the line to ground capacitance in order to meet patient care requirements
- Operating temperature: -25°C to +85°C (including temperature rise, see graph on page PF37)

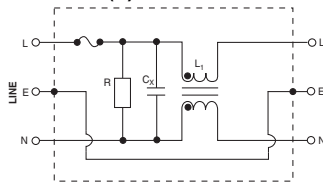


### Applications

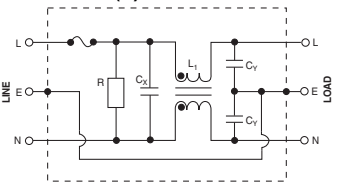
- Medical equipment
- Electronic equipment
- Digital equipment
- Industrial equipment
- Telecommunications equipment
- Measuring and testing instruments
- Personal computers and peripherals

### Circuit Diagrams

66/67-BFF(S)-XXX-1-X Filter



66/67-BFF(S)-XXX-0-X and 66/67-BFF(S)-XXX-4-X Filters



### Specifications

Model*	Rated Voltage (@ 50/60Hz)	Rated Current	Leakage Current (Max.)	Capacitance		Inductance (L <sub>1</sub> )	Temperature Rise (Max.)		
				C <sub>V</sub>	C <sub>X</sub>				
66-XXX-020-1-11	250VAC	2A	0.01mA	none	330pF ± 20%	6.5mH	40°C		
66-XXX-020-1-12								0.1uF	
66-XXX-020-0-11								0.075mA	0.22uF
66-XXX-020-4-11								0.1mA	0.1uF
66-XXX-020-0-12								0.075mA	0.22uF
66-XXX-020-4-12								0.1mA	0.1uF
66-XXX-040-1-11	250VAC	4A	0.01mA	none	330pF ± 20%	2.4mH	45°C		
66-XXX-040-1-12								0.1uF	
66-XXX-040-0-11								0.075mA	0.22uF
66-XXX-040-4-11								0.1mA	0.1uF
66-XXX-040-0-12								0.075mA	0.22uF
66-XXX-040-4-12								0.1mA	0.1uF
66-XXX-060-1-11	250VAC	6A	0.01mA	none	330pF ± 20%	1.6mH	45°C		
66-XXX-060-1-12								0.1uF	
66-XXX-060-0-11								0.075mA	0.22uF
66-XXX-060-4-11								0.1mA	0.1uF
66-XXX-060-0-12								0.075mA	0.22uF
66-XXX-060-4-12								0.1mA	0.1uF
67-XXX-020-1-11	125VAC	2A	0.005mA	none	330pF ± 20%	6.5mH	40°C		
67-XXX-020-1-12								0.1uF	
67-XXX-020-0-11								0.035mA	0.22uF
67-XXX-020-4-11								0.05mA	0.1uF
67-XXX-020-0-12								0.035mA	0.22uF
67-XXX-020-4-12								0.05mA	0.1uF
67-XXX-040-1-11	125VAC	4A	0.005mA	none	330pF ± 20%	2.4mH	45°C		
67-XXX-040-1-12								0.1uF	
67-XXX-040-0-11								0.035mA	0.22uF
67-XXX-040-4-11								0.05mA	0.1uF
67-XXX-040-0-12								0.035mA	0.22uF
67-XXX-040-4-12								0.05mA	0.1uF
67-XXX-060-1-11	125VAC	6A	0.005mA	none	330pF ± 20%	1.6mH	45°C		
67-XXX-060-1-12								0.1uF	
67-XXX-060-0-11								0.035mA	0.22uF
67-XXX-060-4-11								0.05mA	0.1uF
67-XXX-060-0-12								0.035mA	0.22uF
67-XXX-060-4-12								0.05mA	0.1uF

Note: Test Voltage 1500VAC one minute, line to ground  
Insulation Resistance: 300 MΩ min. at 500VDC  
F(S) = Fast-on or (Solder lug terminals)

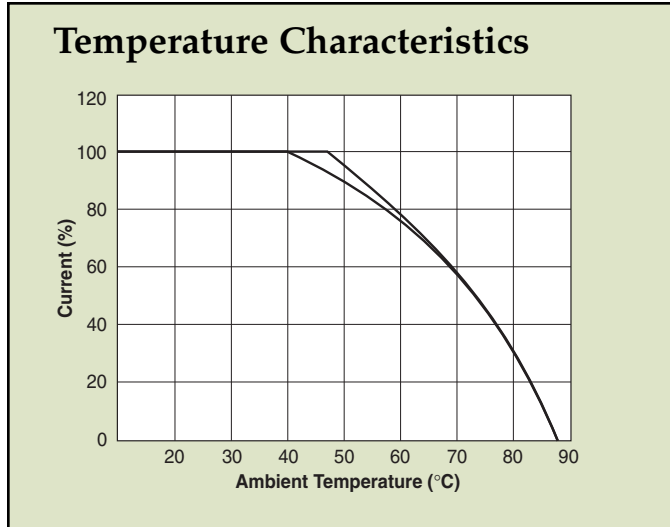
Voltage Drop: 1V max. at rated current  
Weight: 78g  
Inlet: Compatible with IEC-320

\* Substitute BFF or BFS for XXX  
BFF - Fast-on terminals  
BFS - Solder lug terminals

# Fused Filtered Power Entry Modules

For Medical or General Purpose Applications

## 66-67-BFF/66-67-BFS Series



### Dimensions

#### 66-67-BFF/66-67-BFS Series

