

10A~16A Series Box type Surge power Filter

BSF40-1/xxx-xA-3P

(Single Phase 10A/16A, 40 kA Primary)

Applications

- Plug-in UPS systems
- Servers
- Portable instrumentation
- POS systems
- Small office systems
- Industrial/rural/surge prone sites



Type	BSF40-1/320- 10A-3P	BSF40-1/320- 16A-3P
In accordance with	IEC61643-11:2011; UL1449 3rd; IEC610006; ANSI/IEEE C62.41; AS1768-1991; AS3100 Cat B: AS1768-1991 Cat B: AS3000.AS3100	
Category IEC/MDE/UL	/C/ Type 4 CA	
Rated load Current	10 A	16 A
Terminations	IEC320 10 A input x1 IEC320 10 A output x1	IEC320 16 A input x1 IEC320 16 A output x1
Power system	200-250 VAC 1Ø 48-62 Hz	
Max. continuous operating voltage (AC/DC)	320VAC	
Connecting cable	12-18 AWG,	
Number of ports	2 Port	
Protection modes	Three mode protection(Line-Neutral, Line-Earth, Neutral-Earth)	
Nominal discharge current(8/20) In	L-N 20 kA, N-E 5 kA, L-E 5 kA	
Max. discharge current(8/20) I _{max}	L-N 40 kA, N-E 10 kA, L-E 10 kA	
Temporary overvoltage - TOV	446 VAC	
Voltage protection level (L/N-PE;L-N)	@ In	<1.5kV
	@ VPR	<1.0kV
Filter attenuation	>40 dB @ 1 MHz	
Residual current	<5 mA	
Short circuit withstand (1 sec)	80 A	
Response time	≤ 25 ns	
Recommended maximum over current protection	20 A gL/gG	
Thermal technology	With thermal disconnecter design MOV (TPMOV) on primary MOVs	
Protect Status Indication	2 part display, Power OK, Protection fault.	
Environment	-10 to 50°C, 0 to 90%RH (non-condensing)	
Termination size	Single-strand 6 mm ² ; multi-strand 4 mm ²	
Mounting	Portable	
Location category	Indoor	
Degree of protection	IP20	
Dimension	152 mm (L) x 133 mm (W) x 48 mm (H)	
Weight	0.8 kg	