

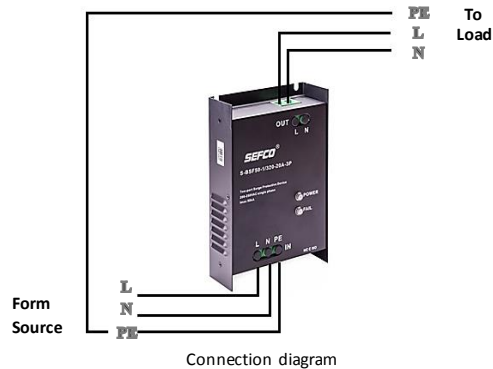
20 A/ 32 A/ 45 A Series Box type Surge power Filter

BSF50-1/xxx-xA-3P

(Single Phase 20A/32A/45A, 50 kA Primary)

Applications

- Secondary power circuit / Sub-boards
- Telecommunication System / Rectifiers
- Process and Control System / UPS <6 kVA
- Computer System / Medical Systems
- All sensitive Electronic Equipment



Type	BSF50-1/180-20A-3P			
	BSF50-1/320-20A-3P			
	BSF50-1/420-20A-3P			
Type	BSF50-1/550-20A-3P			
	BSF50-1/180-32A-3P			
	BSF50-1/320-32A-3P			
Type	BSF50-1/420-32A-3P			
	BSF50-1/550-32A-3P			
	BSF50-1/180-45A-3P			
Type	BSF50-1/320-45A-3P			
	BSF50-1/420-45A-3P			
	BSF50-1/550-45A-3P			
In accordance with	IEC61643-11:2011; UL1449 3rd; IEC610006; ANSI/IEEE62.41; AS1768-1991; AS3100			
Category IEC/MDE/UL	/C/ Type 4 CA			
Rated load Current	20A/ 32A/ 45A			
Power system (single phase)	120 V	220-277 V	347 V	480 V
Max. continuous operating voltage (AC/DC)	180/230	320/420	420/560	550/745
Connecting cable	Power 8-10 AWG, Alarm 14-22 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 10 kA, L-E 10 kA			
Max. discharge current(8/20) I _{max}	L-N 50 kA, N-E 25 kA, L-E 25 kA			
Temporary overvoltage - TOV	240 VAC	400 VAC	600 VAC	690 VAC
Voltage protection level (L/N-PE;L-N)	@ In	< 0.8 kV	< 1.5 kV	< 2.0 kV
	@ VPR	< 0.6 kV	< 1.0 kV	< 1.4 kV
Filter attenuation	>60dB @ 1MHz / >15dB @ 100 kHz / >0.5dB @ 1 kHz			
Residual current	<5 mA			
Short circuit withstand (1 sec)	80 A			
Response time	≤ 25 ns			
External disconnector requirements	32A gL/gG fuse or MCB			
Thermal technology	With thermal disconnector design MOV (PTMOV) on primary MOVs			
Protect Status Indication	2 part display, Power OK, Protection fault./ dry contact alarm relay 250Vac/32Vdc, 5A			
Environment	-10 to 60°C, 0 to 90%RH (non-condensing)			
Termination size	Single-strand 35 mm ² ; multi-strand 25 mm ²			
Mounting	Fixed. Surface mount			
Degree of protection	IP20			
Dimension	220 mm (L) x 143 mm (W) x 48 mm (H)			
Weight	1.2 kg			