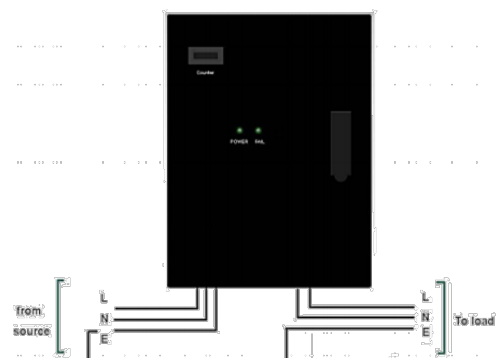


## Surge Power Filter Series Box Type (Single Phase Primary)

### Applications

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



### Technical Data

| Model No.                                 | S-BSF320-1/63A                                                                        |
|-------------------------------------------|---------------------------------------------------------------------------------------|
| In accordance with                        | IEC61643-11:2011; UL1449 3rd                                                          |
| Category IEC/VDE/UL                       | I-II /B+C/ Type 1+2                                                                   |
| Rated load Current                        | 63 A                                                                                  |
| Power system (single phase)               | 220 - 277 V                                                                           |
| Max.continuous operating voltage (AC/DC)  | 320 / 420 V                                                                           |
| Connecting cable                          | Power 6-8 AWG (63 A) 2-3 AWG(100 A/120 A), Alarm 14-22 AWG                            |
| Protection modes                          | Two mode protection( Line-Neutral, Neutral-Earth )                                    |
| Nominal discharge current(8/20μs) In      | 60 kA                                                                                 |
| Max. discharge current(8/20μs) Imax       | 120 kA                                                                                |
| Lightning impulse current (10/350μs) Iimp | Line-Neutral 12.5 kA, Neutral-Earth 25 kA                                             |
| Temporary overvoltage - TOV               | 415 VAC                                                                               |
| Voltage protection level                  | L-N@VPR:<250 V / L-N@10kA:<350 V / N-PE@1.2/50:<1.5 kV                                |
| Filter attenuation                        | >48 dB @ 1 kHz                                                                        |
| Number of ports                           | 2 port                                                                                |
| Thermal dissipation                       | Max 80 W @ full load, 1 phase, 100A model                                             |
| Residual current                          | <5 mA                                                                                 |
| Short circuit withstand (1 sec)           | 29 kA                                                                                 |
| Response time                             | Line-neutral ≤ 25 ns; Neutral-Earth ≤ 100 ns                                          |
| External disconnector requirements        | HRC gL fuse, 500 V, 50 KAIC                                                           |
| Thermal technology                        | With thermal disconnector design MOV on primary MOVs                                  |
| Lightning counter current                 | ≤ 3 kA                                                                                |
| 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)                                             |
| Degree of protection                      | IP20                                                                                  |
| Dimension                                 | 360 mm (L) x 280 mm (W) x 125 mm (H)                                                  |
| Weight (kg)                               | 6 kg                                                                                  |

|                      |                           |
|----------------------|---------------------------|
| Ordering information |                           |
| Model No.            | S-BSF120-1/320-63A        |
| Part No.             | 201258                    |
| Warranty             | 1 year from Delivery date |
| Packing unit         | 1 pc(s).                  |

## Contact us

You can find the address of your local sales organisation on the home page



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