

EATON SSF10I TECHNICAL SPECIFICATIONS

| General | |
|--|---|
| Location Category | Indoor |
| Dimensions - Including hinges (H x W x D, mm) | 50 x 155 x 150 |
| Weight (g) | 500 |
| Warranty | 12 months |
| Electrical | |
| Input voltage (Uc) | 200-250VAC 1 Phase |
| Max Continuous Voltage (Mcov) | 285VAC L-N |
| Number of ports | 2 Port |
| Method of mounting | Portable |
| Service type | TT, TN, TN C-S or any 1 phase system with a grounded neutral. This unit must not be connected to an ungrounded system. |
| Temporary overvoltage - TOV | 300VAC L-N, 15 mins |
| Test Classification | Class II |
| Energy Absorption rating - per mode (joules) | Primary Protection L-N = 370J Primary Common Mode protection L-E & N-E = 480J Secondary protection L-N = 225J Secondary Common Mode protection L-E & N-E = 480J Aggregate rating = 1,555J |
| Current rating - continuous | 10A |
| Test Classification | Class III (IEC 61643-1), Category A (ANSI/IEEE C62.41) |
| Recommended max. overcurrent protection | 10A |
| Residual current | <0.5 mA |
| Protection modes | Line-Neutral, Line-Earth, Neutral-Earth |
| In 8/20us (Line-Neutral) Nominal surge life | 10kA x 20 hits |
| In 8/20us (Line-Earth) Nominal surge life | 3kA x 20 hits |
| In 8/20us (Neutral-Earth) Nominal surge life | 3kA x 20 hits |
| Ismax 8/20us (Line-Neutral) Max surge level | 20kA |
| Ismax 8/20us (Line-Earth) Max surge level | 10kA |
| Ismax 8/20us (Neutral-Earth) Max surge level | 10kA |
| Filter attenuation | 40dB nominal above 1MHz |
| Initial clamp voltage (Line-Neutral) | 560V |
| Initial clamp voltage (Line-Earth) | 680V |
| Initial clamp voltage (Neutral-Earth) | 680V |
| Residual voltage (Vpl) (Line-Neutral) (Let through voltage) | <1100 (3kA, 8/20uS) |
| Residual voltage (Vpl) (Line-Earth) (Let through voltage) | <1400 (3kA, 8/20uS) |
| Residual voltage (Vpl) (Neutral-Earth) (Let through voltage) | <1400 (3kA, 8/20uS) |
| Internal protection (fusing) | Thermal fusing on primary line-connected MOVs |
| Terminations | IEC 320-C14 10A input x 1, IEC 320-C13 10A output x 1 |
| Communications | |
| Alarms/indicators | Includes status indicators, dry contact alarm relay output (normally-closed with power applied and all SPD's at 100% capacity). Contact rating 250Vac/32Vdc, 5A, alarm under-voltage cut off 180Vac. |
| Environmental & Standards | |
| Enclosure rating | IP42 |
| Standards. Designed in accordance with : | IEC61643-1:2005, IEC610006-1,2,3,4 ANSI/IEEE C62.41, AS/NZS1768, AS/NZS3000:2007, AS3100 |
| Environment | -10 to 65°C, 10 to 90%RH (non-condensing) |
| Notes | |
| Specifications are subject to change without notice | |