

# SURGE PROTECTOR PRODUCT

AC B Class ( Three Phase ) Power Surge Protection



## FEATURES

- Thermal disconnect device
- High current capacity, quick response
- Low residual voltage, free of leakage current
- Remote warning
- 40kA maximum surge current
- 50/60Hz 385V, Protection mode: L1/L2/L3/N-PE
- Easy installation with Din rail mounting
- Status indicators visually verify protection level
- Plug connectors for quick and easy connection or rewiring

## APPLICATIONS

- Protection of C class AC Power System
- Protection of power distribution system
- Protection of terminal devices
- Sensitive electronic equipment
- Telecom centers
- Automatic control centers
- Intelligent buildings
- Industrial enterprises
- Medical institutes
- CCTV, Solar Cell

## SPECIFICATIONS



|   |   |
|---|---|
| Model                                   | SP-PB100-385/4  |
| Nominal operating voltage Un            | 220/380VAC  |
| Maximum continuous operating voltage Uc | 385VAC  |
| Nominal discharge current In (8/20μs)   | 50KA  |
| Maximum discharge current Imax (8/20μs) | 100KA   |
| Protection level Up (8/20μs,20KA)       | ≤2.8KV  |
| Response time Ta                        | ≤25ns   |
| Protection modes                        | 4:L1/L2/L3/N-PE 3+N:L1/L2/L3-N,N-PE 2:L/N-PE 1+N:L-N,N-PE   |
| Front circuit breaker                   | 63A   |
| Dimension                               | 90*144*65mm   |
| Weight                                  | 250-1200g   |
| Mounting type                           | DIN rail : 35mm   |
| Housing material                        | Anti-flaming  |
| Index of protection                     | IP20  |
| Operating environment                   | Temperature:-40+85°C humidity: ≤95%   |
| Remote control (optional)               | Normally closed, normally open or COM   |
| warranty                                | Five-year warranty, three-year replacement  |
| Standards Compliance                    | IEC 61312-1, IEC 61312-3 (pending),IEC 61024-1, IEC 61000-4-5, IEC 61643-1-1 , IEC 61643-1-2 (pending), IEC 62066 (pending), IEC 61643-2-1 (pending) , IEC 61643-1, NFC 61740, VDE 0675, UL 1449, BS 6651 |