

| Model | ALB-220-10KA-2 | ALB-220-20KA-2 |
|--|---|---|
| Brand | Alstron | |
| |  |  |
| System | | |
| Protection Mode | L-PE, N-PE (2P) | |
| Protection Class | D | |
| LED Indicator | Green (Normal) / Red (Malfunction) | |
| Power | | |
| Power | AC 220 V | |
| Max Continuous Operating Voltage (Uc) | 275 V | |
| Nominal Discharge Current (8/20μs) (In) | 5 KA | |
| Maximum Discharge Current (8/20μs) (Imax) | 10 KA | |
| Voltage Protection Level (Up) | ≤ 1.0 KV | ≤ 1.2 KV |
| Response Time | ≤ 25 ns | |
| Leakage Current | ≤ 20 μA | |
| Mechanical | | |
| Dimension (L x W x H) | 90 x 36 x 62 mm | |
| Weight | 0.267 kg | |
| Environmental | | |
| Storage Temperature | -20 ~ 70 °C | |
| Operating Temperature | -20 ~ 60 °C | |
| Operating Humidity | ≤ 95% (non-condensing) | |

| | |
|--|--|
| Model | ALB-SPRJ11-4 |
| Brand | Alstron |
| |  |
| System | |
| Interface Port | RJ11 |
| LED Indicator | Green (Normal) / Red (Malfunction) |
| Power | |
| Working Voltage | 110 V |
| Rated Current | 300 mA |
| Nominal Discharge Current (8/20µs) (In) | 5 KA |
| Max. Discharge Current (8/20µs) (Imax) | 10 KA |
| Voltage Protection Level (Up) | 150 V |
| Working Frequency | 2 MHz |
| Leakage Current | ≤ 20 µA |
| Mechanical | |
| Dimension (L x W x H) | 101 x 38 x 30 mm |
| Weight | 0.15 kg |
| Environmental | |
| Storage Temperature | -20 ~ 70 °C |
| Operating Temperature | -20 ~ 60 °C |
| Operating Humidity | < 90% (non-condensing) |