

YCS6-B Surge Protection Device



General

YCS6-B series Surge Protection Device is suitable for TT, IT, TN-S, TN-C and TN-C-S, the power supply system with the rated voltage up to 230/400V and AC 50/60Hz. Its design corresponds to IEC61643-1. The product is usually installed in the incoming line low voltage distribution box of the building, and it can release 100kA lightning stroke current.

Specifications

| Parameters | Product Model | YCS6-B | | | | | |
|--|---------------|--------------------|------------|------------|------------|------------|------------|
| Rated Operating Voltage $U_c(V\sim)$ | | 220V | 380V | 220V | 380V | 220V | 380V |
| Maximum Continuous Operating Voltage $U_c(V\sim)$ | | 275V | 385V | 420V | 275V | 385V | 420V |
| Voltage Protection Level $U_p(V\sim)kV$ | | ≤ 1.8 | ≤ 2.0 | ≤ 2.2 | ≤ 2.0 | ≤ 2.2 | ≤ 2.5 |
| Nominal Discharge Current $I_n(8/20\mu s)kA$ | | 30 | 40 | 60 | | | |
| Maximum Discharge Current $I_{max}(8/20\mu s)kA$ | | 60 | 80 | 100 | | | |
| Response Time ns | | < 25 | | | | | |
| L/N(mm ²)The Cross Section of L/N Line | | 6 | | | | | |
| PE(mm ²)The Cross Section of PE Line | | 10 | | | | | |
| Fuse or Switch(A) | | 63A | | | | | |
| Operating Environment °C | | -40°C ~ +85°C | | | | | |
| Relative Humidity(25°C) | | $\leq 95\%$ | | | | | |
| Installation | | Standard Rail 35mm | | | | | |

Overall and mounting dimensions(mm)

