

YCS7-D Surge Protection Device

General

YCS7 series Class D Surge protective device (in short: SPD, alias: surge protector, surge arrester) is suitable for TT, YN-C, TN-S and IT etc. power supply system of AC 50/60Hz, $\leq 380V$, which protects the electric device not shocked by the thunder or surge over-voltage.



Specifications

| Parameters | Product Model | | YCS7-D | | | | | |
|---|-----------------------------------|------------|------------|------------|------------|------------|------------|------------|
| | 220V | 380V | 220V | 380V | 220V | 380V | 220V | 380V |
| Rated Operating Voltage $U_c(V\sim)$ | 220V | 380V | 220V | 380V | 220V | 380V | 220V | 380V |
| Maximum Continuous Operating Voltage $U_c(V\sim)$ | 275V | 385V | 420V | 275V | 385V | 420V | 275V | 385V |
| Voltage Protection Level $U_p(V\sim)kV$ | ≤ 1.8 | ≤ 2.0 | ≤ 2.2 | ≤ 2.0 | ≤ 2.2 | ≤ 2.4 | ≤ 2.2 | ≤ 2.5 |
| Nominal Discharge Current $I_n(8/20\mu s)kA$ | 60 | | 80 | | 100 | | | |
| Maximum Discharge Current $I_{max}(8/20\mu s)kA$ | 30 | | 40 | | 60 | | | |
| Response Time ns | < 25 | | | | | | | |
| Operating Environment $^{\circ}C$ | -40 $^{\circ}C$ ~ +85 $^{\circ}C$ | | | | | | | |
| Relative Humidity(25 $^{\circ}C$) | $\leq 95\%$ | | | | | | | |
| Installation | Standard Rail 35mm | | | | | | | |

Overall and mounting dimensions(mm)

