

CDL402B Series Multi-functional Power Strip With Surge Protection



Features

CDL 402B multi-functional lightning protection power strip, protective modes have single phase three lines, single phase two lines and three lines power surge protective device, make surge protection and power strip function together. It is used in power system terminal equipment, IT system and household appliance lightning protection. Internal discharge current I_{max} 10k A(8/20) and surge suppressor I_{max} 10kA (8/20) are assembled inside of CDL 402B power strip. Indicator with red color is normal working, otherwise failure.

CDL 402B residual current operated protective devices is to avoid electrocuted and improve security performance. CDL 402B with over load protection function have a black replace switch in the side of power strip. To protect precise equipments, please connect lines(L,N), please note to the marks strictly. Grounding connection should adopt $4mm^2$ threads copper lines.

Introduction of power supply surge protection for automobile gas station

Automobile gas station belongs to the first lightning protection building. Generally automobile gas stations are located in stubborn, their building square are regularly small and have no need to effect mutual protective level lightning protection programs. Low voltage 380V can be installed with switch type power supply SPD nominal flowing current of 25kA, $10/350 \mu s$ as the first power supply lightning protection of all the electric equipment in the station. The distribution boxes of fuel dispensers and hall are installed with power supply lightning protective box with fireproofing function flowing current 20kA, $8/20 \mu s$. Regarding computer administrative equipment in the hall, UPS power source, receipts printers, fuel dispenser data equipment and the power supply inlets of other exact equipment, you can select switch type power supply lightning protector with flowing capacity more than 10kA ($8/20 \mu s$).

Complied with standard:

GB50057-94 (2000 version) <Design code for protection of structures against lightning>;
GB 15599-95 <Safety rules of Lightning with relation to petroleum and its facilities>;
GB 50074-2002 <Code for design of oil depot>;
GB/T 19271.1-2003/IEC 61312-1: 1998 <Protection against lightning electromagnetic impulse (LEMP)>.

Performance parameters

Type	CDL402B
Nominal voltage	230V/50Hz
Continuous operating voltage	275、320
Rated voltage	10A
Rated power	2500W
Max. Discharge current	10kA(L-N、L-PE、N-PE)
Protection level	<1.2kV(L-N、L-PE), <500V(N-PE)
Built-in hot fuse implement	120℃ 10A

