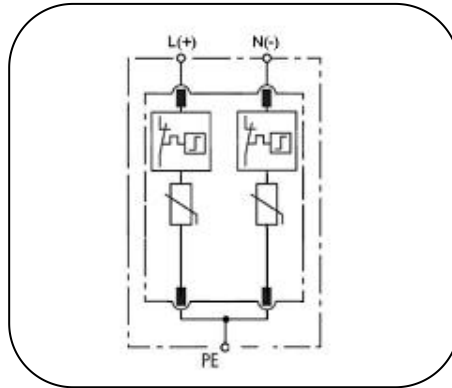
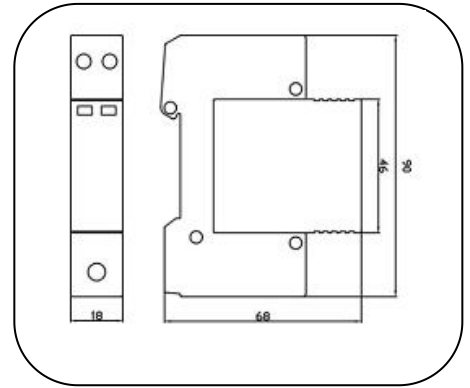


SURGE ARRESTERS – CLASS III

MDSS10/12-2V-S



Basic circuit diagram



Dimension drawing

- 18mm compact T3 SPD for single phase or two hot lines protection
- Max discharge current up to 10kA 8/20µs and open circuit voltage Uoc to 10kV
- Pluggable design for easy replacement
- Reliable thermal disconnecter to be fail-safe.
- Degradation failure indication & optional remote signal contact.
- Comply with IEC/EN 61643-11, UL 1449 4th, IEEE C62.41, CSA C22.2

| | | |
|--|--|-----------|
| Part No. | MDSS10/12-2V-S | |
| In accordance with | IEC61643-11:2011; UL1449-4th | |
| Category IEC/VDE | Class III/ T3 | |
| Max. continuous operating voltage (AC/DC) | Uc | 30V / 38V |
| Nominal discharge current(8/20us) | In | 5kA |
| Max. discharge current(8/20us) | I _{max} | 10kA |
| Open Circuit Voltage (1.2/50us) | Uoc | 10kV |
| Voltage protection level @In | Up | ≤160V |
| Temporary Overvoltage -Withstand mode | U _{tov} | 34V/5s |
| Residual current | I _{PE} | <0.1mA |
| Response time | t _A | ≤25 ns |
| Backup fuse (only required if not already provided in mains) | 32A gL/gG | |
| Environment | Temperature Range: -40° C ~ +80° C; Humidity: ≤95%; Altitude: ≤2000m | |
| Cross-section of connection wire | Single-strand 35mm ² ; multi-strand 25mm ² | |
| Mounting | 35mm DIN-rail in accordance with EN 50022/DIN46277-3 | |
| Enclosure material | thermoplastic; extinguishing degree UL94 V-0 | |
| Degree of protection | IP20 | |
| Installation width | 1 module, DIN 43880 | |
| Thermal disconnecter | Red - failure | |
| Remote alarm contact | Yes | |
| Approvals, Certifications | CE | |
| Additional data for Remote Alarm Contacts | | |
| Remote alarm contact type | Isolated Form C | |
| Switching capability Un/In | AC: 250V/0.5A DC: 250V/0.1A; 125V/0.2A; 75V/0.5A | |
| Max. Size of connecting wire | Max. 1.5mm ² (or # 16AWG) | |

Distribuido por:



info@agngroup.net
www.agngroup.net