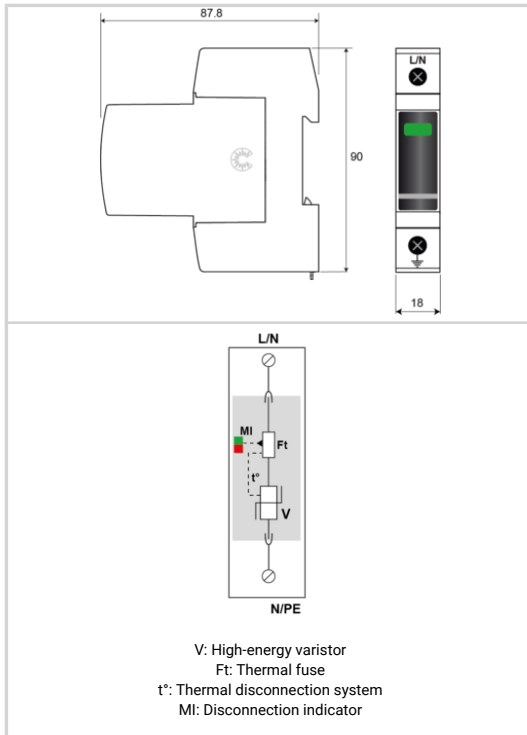


## DAC1-13-10-150



- Type 1 + 2 AC surge protector
- In : 20 kA
- Iimp : 12.5 kA
- Pluggable module for each phase
- Remote signaling (option)
- EN 61643-11, IEC 61643-11 certified
- UL1449 ed.5 compliance



| Electrical Characteristics   |   |
|--|---|
| SPD type   | 1+2   |
| Max. AC operating voltage  | Uc 150 Vac  |
| Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection                              | UT 180 Vac withstand  |
| Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection | UT 230 Vac disconnection  |
| Residual Current Leakage current to Ground   | Ipe < 1 mA  |
| Follow current   | If None   |
| Nominal discharge current 15 x 8/20 μs impulses  | In 20 kA  |
| Max. discharge current max. withstand @ 8/20 μs by pole  | I <sub>max</sub> 50 kA  |
| Impulse current by pole max. withstand 10/350μs by pole  | I <sub>imp</sub> 12.5 kA  |
| Specific energy by pole max. withstand 10/350 μs   | W/R 40 kJ/ohm   |
| Protection level @ In (8/20μs)   | Up 0.9 kV   |
| Residual voltage at 5 kA @ 5 kA (8/20μs)   | Up-5kA 0.6 kV   |
| Admissible short-circuit current   | I <sub>sc</sub> 50 000 A  |
| Mechanical Characteristics   |   |
| Technology   | VG Technology (MOV+GSG)   |
| SPD configuration  | Single phase  |
| Connection to Network  | By screw terminals: 2.5-25mm <sup>2</sup> (35mm <sup>2</sup> rigid) |
| Format   | Plug-in modular box   |
| Mounting   | Symmetrical rail 35 mm (EN 60715)                                   |
| Housing material   | Thermoplastic UL94 V-0  |
| Operating temperature  | Tu -40/+85°C  |
| Protection rating  | IP20  |
| Failsafe mode  | Disconnection from AC network                                       |
| Disconnection indicator  | 1 mechanical indicator - Red/Green                                  |
| Spare module(s)  | MDAC1-13-150  |
| Remote signaling of disconnection  | option DAC1-13S-10-150: output on changeover contact                |
| Dimensions   | See diagram - 1TE (EN43880)   |
| Weight   | 0.145 kg  |
| Disconnectors  |   |
| Thermal disconnector   | Internal  |
| Installation ground fault breaker  | Type 'S' or delayed   |
| Fuses  | 125 A min. - 315 A max. - Fuses Type gG                             |
| Standards  |   |
| Standards compliance   | IEC 61643-11 / EN 61643-11 / UL1449 ed.5                            |
| Certification  | KEMA  |
| Part number  |   |
| 821710111  |   |