



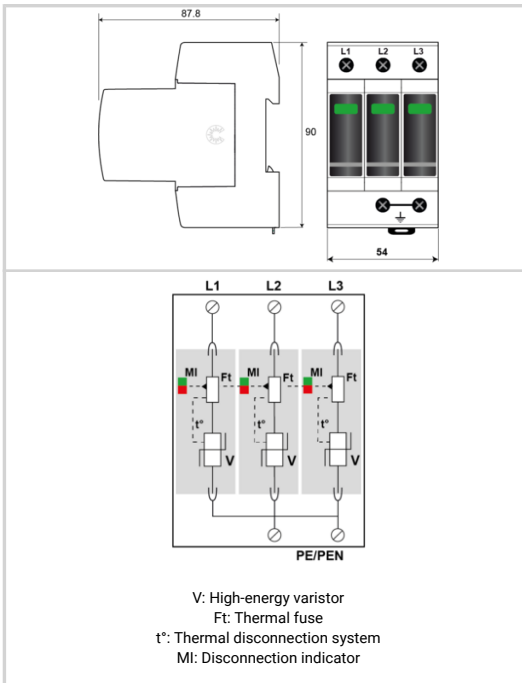
Type 1+2 AC surge protector 3-phase

CITEL

DAC1-13-30-275



- Type 1 + 2 AC multipolar 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 |
| Network | 230/400 V 3-phase |
| AC system | TNC |
| Max. AC operating voltage | Uc 275 Vac |
| Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection | UT 335 Vac withstand |
| Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection | UT 440 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 | Imax 50 kA |
| Impulse current by pole max. withstand 10/350 μs by pole | Iimp 12.5 kA |
| Total lightning current max. total withstand @ 10/350 μs | Itotal 37.5 kA |
| Specific energy by pole max. withstand 10/350 μs | W/R 40 kJ/ohm |
| Protection level L/PE @ In (8/20 μs) | Up L/PE 1.3 kV |
| Residual voltage L/PE at 5 kA @ 5 kA (8/20 μs) | Up-5kA 1.2 kV |
| Admissible short-circuit current | Iscrr 50 000 A |
| Mechanical Characteristics | |
| Technology | VG Technology (MOV+GSG) |
| SPD configuration | 3-phase |
| Connection to Network | By screw terminals: 2.5-25mm ² (35mm ² 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 by pole - Red/Green |
| Spare module(s) | MDAC1-13-275 |
| Remote signaling of disconnection | option DAC1-13S-30-275: output on changeover contact |
| Dimensions | See diagram - 3 TE (EN43880) |
| Weight | 0.515 kg |
| Disconnectors | |
| Thermal disconnector | Internal |
| Installation ground fault breaker | Type 'S' or delayed |
| Back-up protection device | 315 A max. - Fuses Type gG / or SFD1-13S |
| Standards | |
| Standards compliance | IEC 61643-11 / EN 61643-11 / UL1449 ed.5 |
| Certification | KEMA |
| Part number | |
| 821710213 | |

