



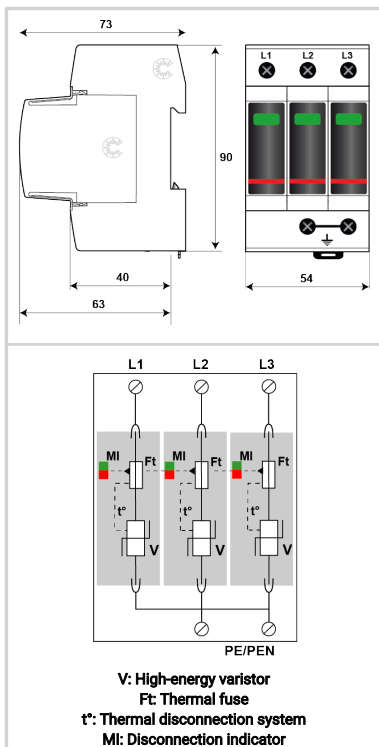
CITEL

Type 2 AC surge protector - Re-inforced - pluggable

DAC80-30-275



- ▶ Re-inforced Type 2 AC surge protector
- ▶ In : 40 kA
- ▶ I_{max} : 80 kA
- ▶ Pluggable module for each phase
- ▶ Remote signaling option
- ▶ EN 61643-11, IEC 61643-11 certified
- ▶ UL1449 ed.5 compliance



Electrical Characteristics

| | | |
|--|---------------------|-----------------------|
| SPD type | IEC | 2 |
| Network | | 230/400 V 3-phase |
| AC system | | TNC |
| Max. AC operating voltage | U _c | 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 | I _{pe} | < 1 mA |
| Follow current | I _f | None |
| Nominal discharge current 15 x 8/20 μs impulses | I _n | 40 kA |
| Max. discharge current max. withstand @ 8/20 μs by pole | I _{max} | 80 kA |
| Protection mode(s) | | L/PE |
| Protection level L/PE @ I _n (8/20 μs) | U _p L/PE | 1.6 kV |
| Admissible short-circuit current | I _{sc} | 50 000 A |

Mechanical Characteristics

| | | |
|-----------------------------------|----------------|---|
| Technology | | MOV |
| 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 | T _u | -40/+85°C |
| Protection rating | | IP20 |
| Failsafe mode | | Disconnection from AC network |
| Disconnection indicator | | 1 mechanical indicator by pole - Red/Green |
| Spare module(s) | | MDAC80-275 |
| Remote signaling of disconnection | | option DAC80S-30-275 : output on changeover contact |
| Dimensions | | See diagram - 3 TE (EN43880) |

Disconnectors

| | | |
|-----------------------------------|--|-----------------------|
| Thermal disconnector | | Internal |
| Installation ground fault breaker | | Type 'S' or delayed |
| Back-up protection device | | Fuses Type gG - 125 A |

Standards

| | | |
|----------------------|--|--|
| Standards compliance | | IEC 61643-11 / EN 61643-11 / UL1449 ed.5 |
| Certification | | KEMA |

Part number

821210213

