



Type 2 AC surge protector - Single-phase - Integrated fuses

CITEL

DACF25S-20-320

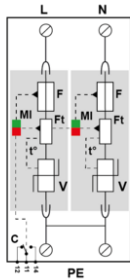
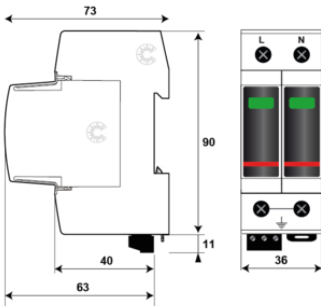


Type 2 AC surge protector

- ↳ In: 15 kA
- ↳ Imax: 25 kA
- ↳ Interne Disconnection device
- ↳ Pluggable module for each phase
- ↳ Remote signaling
- ↳ EN 61643-11, IEC 61643-11 and UL1449 ed.5 compliance



| Electrical Characteristics | |
|--|---|
| SPD type | 2 |
| Network | 230 V single-phase |
| AC system | TN |
| Max. AC operating voltage | Uc 320 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 15 kA |
| Max. discharge current max. withstand @ 8/20 μs by pole | Imax 25 kA |
| Total Maximum discharge current max. total withstand @ 8/20 μs | Imax Total 50 kA |
| Connection mode(s) | L/PE and N/PE |
| Protection level N/PE @ In (8/20 μs) | Up N/PE 1.5 kV |
| Protection level L/PE @ In (8/20 μs) | Up L/PE 1.5 kV |
| Protection level N/PE at 5 kA @ 5 kA (8/20 μs) | Up-5kA 1.2 kV |
| Residual voltage L/PE at 5 kA @ 5 kA (8/20 μs) | Up-5kA 1.2 kV |
| Admissible short-circuit current | Iscrc 100 000 A |
| Mechanical Characteristics | |
| Technology | MOV |
| SPD configuration | Single 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) | MDACF25-320 |
| Remote signaling of disconnection | Output on changeover contact |
| Wiring for remote signaling | 1.5 mm ² max. |
| Max. Voltage/Current for remote signaling | 250 V / 0.5 A (AC) / 30 V / 3 A (DC) |
| Dimensions | See diagram - 2TE (EN43880) |
| Disconnectors | |
| Thermal disconnector | Internal |
| Installation ground fault breaker | Type 'S' or delayed |
| Back-up protection device | internal (equivalent AC rating : 40 A, gG Type) |
| Standards | |
| Standards compliance | IEC 61643-11 / EN 61643-11 / UL1449 ed.5 |
| Part number | |
| 821410322 | |



V: High-energy varistor
 Ft: Thermal fuse
 F: Overcurrent protection (fuse)
 t*: Thermal disconnection system
 C: Remote signal contact
 MI: Disconnection indicator

