

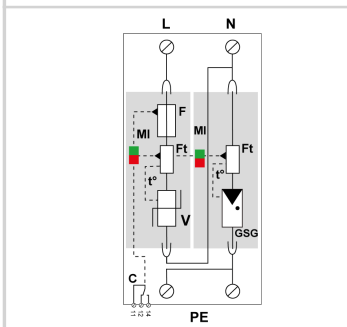
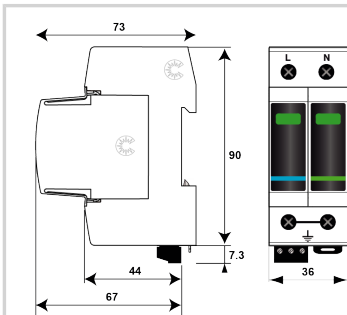


CITEL

DACF15S-11-320



- Type 2 (or 3) AC surge protector
- Internal Disconnection device
- Low fuse rating of the internal connector = systematic coordination with upstream circuit breaker
- In: 5 kA
- I_{max}: 15 kA
- Pluggable module for each phase
- Remote signaling
- EN 61643-11, IEC 61643-11, UL1449 ed.5 compliance



V: High-energy varistor
 GSG: Specific gas tube
 F: Fuse
 Ft: Thermal fuse
 t*: Thermal disconnection system
 MI: Disconnection indicator
 C: Remote signal contact

Electrical Characteristics

| | | |
|--|---------------------|------------------------------|
| SPD type | IEC | 2+3 |
| Network | | 230 V single-phase |
| AC system | | TT-TN |
| Max. AC operating voltage | U _c | 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 |
| Temporary Over Voltage N/PE (TOV HT) Without disconnection or with safety disconnection | UT | 1200 V/300A/200 ms withstand |
| Residual Current Leakage current to Ground | I _{pe} | None |
| Follow current | I _f | None |
| Nominal discharge current 15 x 8/20 μs impulses | I _n | 5 kA |
| Nominal discharge current N/PE 15 x 8/20 μs impulses | I _n N/PE | 20 kA |
| Max. discharge current max. withstand @ 8/20 μs by pole | I _{max} | 15 kA |
| Withstand on Combination waveform IEC 61643-11 Class III test: 1.2/50μs - 8/20μs | U _{oc} | 10 kV |
| Protection level L/N @ I _n (8/20μs) | U _p L/N | 1.2 kV |
| Protection level N/PE @ I _n (8/20μs) | U _p N/PE | 1.5 kV |
| Admissible short-circuit current | I _{sc} | 100 000 A |

Mechanical Characteristics

| | | |
|-----------------------------------|----------------|---|
| Technology | | MOV+GDT |
| 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 | 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) | | MDACF15-320+MDAC50G-255 |
| Remote signaling of disconnection | | output on changeover contact |
| Wiring for remote signaling | | 1.5 mm ² max. |
| Dimensions | | See diagram - 1TE (EN43880) |

Disconnectors

| | | |
|-----------------------------------|--|---|
| Thermal disconnector | | Internal |
| Installation ground fault breaker | | Type 'S' or delayed |
| Back-up protection device | | internal (equivalent AC rating : 25 A, gG Type) |

Standards

| | | |
|----------------------|--|----------------------------|
| Standards compliance | | IEC 61643-11 / EN 61643-11 |
|----------------------|--|----------------------------|

Part number

821310342

