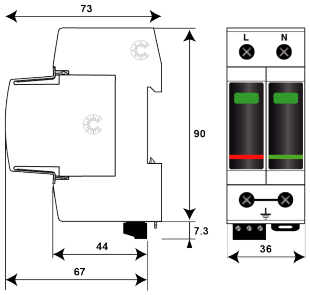
# *Type 2 AC surge protector - Single-phase - Integrated fuses*

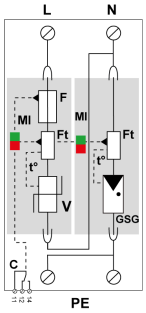
## DACF25S-11-150




Type 2 AC surge protector

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




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

| **Electrical Characteristics** | | |
|---|---|---|
| SPD type | IEC | 2 |
| Network | | 120/208 V |
| AC system | | TT-TN |
| Max. AC operating voltage | Uc | 150 Vac |
| Temporary Over Voltage (TOV) Characteristics - 5 sec.<br>*Without disconnection* | UT | 180 Vac withstand |
| Temporary Over Voltage (TOV) Characteristics - 120 mn<br>*Without disconnection or with safety disconnection* | UT | 230 Vac disconnection |
| Temporary Over Voltage N/PE (TOV HT)<br>*Without disconnection or with safety disconnection* | UT | 1200 V/300A/200 ms withstand |
| Residual Current<br>*Leakage current to Ground* | Ipe | None |
| Follow current | If | None |
| Nominal discharge current<br>*15 x 8/20 µs impulses* | In | 15 kA |
| Max. discharge current<br>*max. withstand @ 8/20 µs by pole* | Imax | 25 kA |
| Total Maximum discharge current<br>*max. total withstand @ 8/20 µs* | Imax Total | 50 kA |
| Connection mode(s) | | L/N and N/PE |
| Protection level L/N<br>*@ In (8/20µs)* | Up L/N | 0.9 kV |
| Protection level N/PE<br>*@ In (8/20µs)* | Up N/PE | 1.5 kV |
| Residual voltage L/N at 5 kA<br>*@ 5 kA (8/20µs)* | Up-5kA | 0.6 kV |
| Protection level N/PE at 5 kA<br>*@ 5 kA (8/20µs)* | Up-5kA | 0.6 kV |
| Admissible short-circuit current | Isccr | 100 000 A |
| **Mechanical Characteristics** | | |
| Technology | | MOV+GDT |
| SPD configuration | | Single phase |
| Connection to Network | | By screw terminals: 2.5-25mm² (35mm² 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) | | MDACF25-150 + MDAC50G-255/F25 |
| Remote signaling of disconnection | | Output on changeover contact |
| Wiring for remote signaling | | 1.5 mm² 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** | | |
| **821410142** | | |