



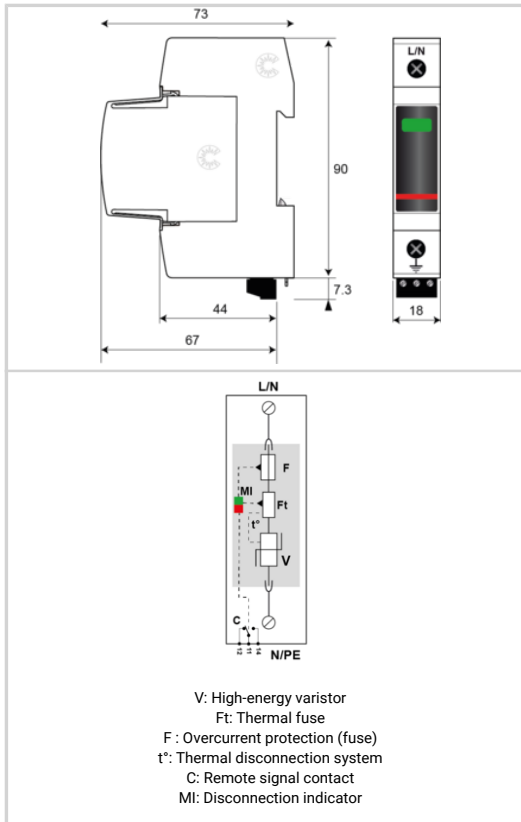
## Type 2 AC surge protector - 1-pole - pluggable - Integrated fuse

# CITEL

## DACF25S-10-275



- Type 2 AC surge protector
- In: 15 kA
- I<sub>max</sub>: 25 kA
- Interne Disconnection device
- Pluggable module for each phase
- Remote signaling
- EN 61643-11, IEC 61643-11 certified
- UL1449 ed.5 compliance



| Electrical Characteristics                                                                               |                                                                     |
|----------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| SPD type                                                                                                 | 2                                                                   |
| Max. AC operating voltage                                                                                | U <sub>c</sub> 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 <sub>pe</sub> < 1 mA                                              |
| Follow current                                                                                           | I <sub>f</sub> None                                                 |
| Nominal discharge current 15 x 8/20 μs impulses                                                          | I <sub>n</sub> 15 kA                                                |
| Max. discharge current max. withstand @ 8/20 μs by pole                                                  | I <sub>max</sub> 25 kA                                              |
| Connection mode(s)                                                                                       | L/N or N/PE                                                         |
| Protection level @ I <sub>n</sub> (8/20 μs)                                                              | U <sub>p</sub> 1.25 kV                                              |
| Residual voltage at 5 kA @ 5 kA (8/20 μs)                                                                | U <sub>p-5kA</sub> 1 kV                                             |
| Admissible short-circuit current                                                                         | I <sub>sc</sub> 100 000 A                                           |
| Mechanical Characteristics                                                                               |                                                                     |
| Technology                                                                                               | MOV                                                                 |
| SPD configuration                                                                                        | Single phase                                                        |
| Connection to Network                                                                                    | By screw terminals: 2.5-25mm <sup>2</sup> (35mm <sup>2</sup> rigid) |
| Format                                                                                                   | Plug-in modular box                                                 |
| Mounting                                                                                                 | Symmetrical rail 35 mm (EN 60715)                                   |
| Housing material                                                                                         | Thermoplastic UL94 V-0                                              |
| Operating temperature                                                                                    | T <sub>u</sub> -40/+85°C                                            |
| Protection rating                                                                                        | IP20                                                                |
| Failsafe mode                                                                                            | Disconnection from AC network                                       |
| Disconnection indicator                                                                                  | 1 mechanical indicator - Red/Green                                  |
| Spare module(s)                                                                                          | MDACF25-275                                                         |
| Remote signaling of disconnection                                                                        | Output on changeover contact                                        |
| Wiring for remote signaling                                                                              | 1.5 mm <sup>2</sup> max.                                            |
| Max. Voltage/Current for remote signaling                                                                | 250 V / 0.5 A (AC) / 30 V / 3 A (DC)                                |
| 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 : 40 A, gG Type)                     |
| Standards                                                                                                |                                                                     |
| Standards compliance                                                                                     | IEC 61643-11 / EN 61643-11 / UL1449 ed.5                            |
| Certification                                                                                            | KEMA                                                                |
| Part number                                                                                              |                                                                     |
| 821410221                                                                                                |                                                                     |

