



Type 2 AC surge protector - 3-phase+N - Integrated fuses

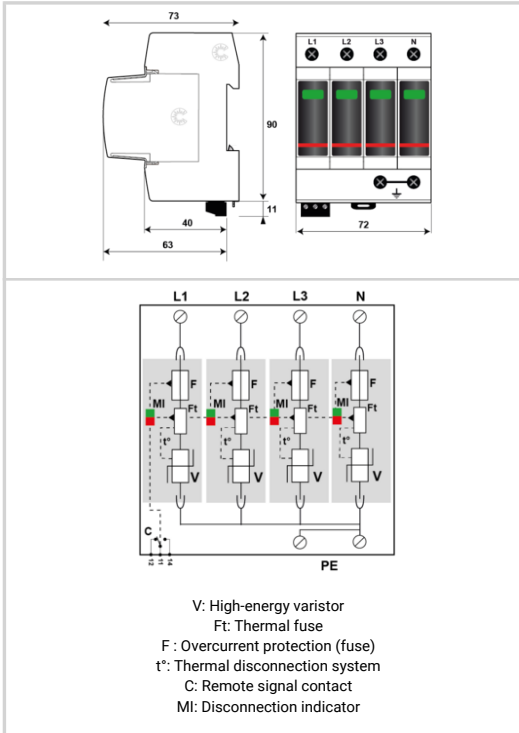
CITEL

DACF25S-40-150



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 | 120/208 V 3-phase+N |
| AC system | TNS |
| Max. AC operating voltage | Uc 150 Vac |
| Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection | UT 180 Vac withstand |
| Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection | UT 230 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 100 kA |
| Connection mode(s) | L/PE and N/PE |
| Protection level N/PE @ In (8/20μs) | Up N/PE 0.9 kV |
| Protection level L/PE @ In (8/20μs) | Up L/PE 1.2 kV |
| Protection level N/PE at 5 kA @ 5 kA (8/20μs) | Up-5kA 0.6 kV |
| Residual voltage L/PE at 5 kA @ 5 kA (8/20μs) | Up-5kA 0.6 kV |
| Admissible short-circuit current | Iscsr 100 000 A |
| Mechanical Characteristics | |
| Technology | MOV |
| SPD configuration | 3-phase+Neutral |
| 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) | MDACF25-440 |
| 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 - 4TE (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 | |
| 821410124 | |

