



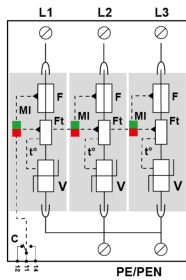
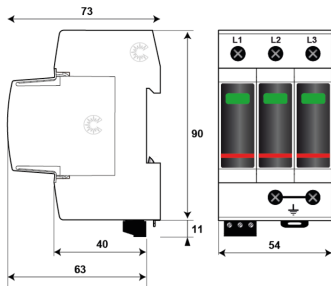
CITEL

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

DACF25S-30-275



- ✔ Type 2 AC surge protector
- ✔ In: 15 kA
- ✔ I_{max}: 25 kA
- ✔ Internal Disconnection device
- ✔ Pluggable module for each phase
- ✔ Remote signaling
- ✔ EN 61643-11, IEC 61643-11 certified
- ✔ 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 | | 230/400 V 3-phase | |
| AC system | | TNC | |
| Max. AC operating voltage | U _c | 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 _{pe} | < 1 mA | |
| Follow current | I _f | None | |
| Nominal discharge current 15 x 8/20 μs impulses | I _n | 15 kA | |
| Max. discharge current max. withstand @ 8/20 μs by pole | I _{max} | 25 kA | |
| Total Maximum discharge current max. total withstand @ 8/20 μs | I _{max} Total | 75 kA | |
| Connection mode(s) | | L/PE | |
| Protection level L/PE @ I _n (8/20μs) | U _p L/PE | 1.25 kV | |
| Residual voltage L/PE at 5 kA @ 5 kA (8/20μs) | U _{p-5kA} | 1 kV | |
| Admissible short-circuit current | I _{sc} | 100 000 A | |
| Mechanical Characteristics | | | |
| Technology | | MOV | |
| SPD configuration | | 3-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) | | MDACF25-275 | |
| 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 - 3 TE (EN43880) | |
| Weight | | 0.302 kg | |
| 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 | | | |
| 821410223 | | | |

