



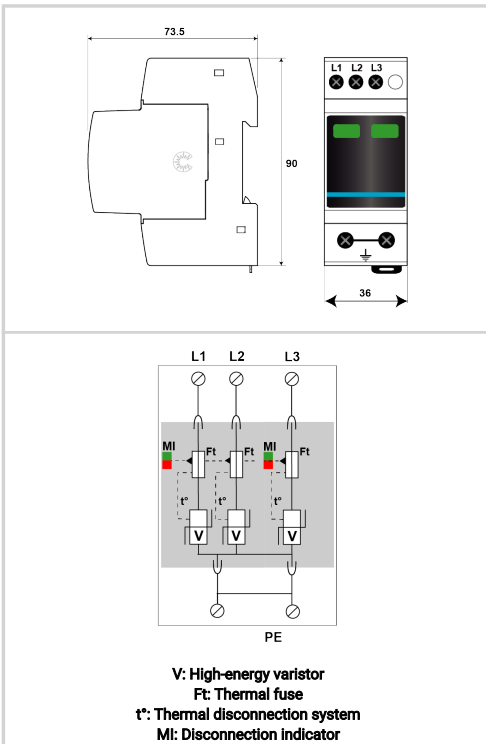
CITEL

Type 2 (or 3) AC surge protector - 3-phase

DAC15C-30-440



- ▶ Compact 3-phase Type 2 (or 3) surge protector
- ▶ In: 5 kA
- ▶ I_{max}: 15 kA
- ▶ Common mode
- ▶ Pluggable module
- ▶ Remote signaling (option)
- ▶ EN 61643-11, IEC 61643-11 and UL1449 ed.5 compliance



| Electrical Characteristics | | | |
|--|------------------------|---|--|
| SPD type | IEC | 2+3 | |
| Network | | 230/400 V | |
| AC system | | IT | |
| Max. AC operating voltage | U _c | 440 Vac | |
| Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection | UT | 580 Vac withstand | |
| Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection | UT | 770 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 | 5 kA | |
| Max. discharge current max. withstand @ 8/20 μs by pole | I _{max} | 15 kA | |
| Total Maximum discharge current max. total withstand @ 8/20 μs | I _{max} Total | 60 kA | |
| Withstand on Combination waveform IEC 61643-11 Class III test: 1.2/50μs - 8/20μs | U _{oc} | 10 kV | |
| Protection mode(s) | | L/PE | |
| Protection level N/PE @ I _n (8/20μs) | U _p N/PE | 1.5 kV | |
| Protection level L/PE @ I _n (8/20μs) | U _p L/PE | 1.5 kV | |
| Admissible short-circuit current | I _{sc} | 10 000 A | |
| Mechanical Characteristics | | | |
| Technology | | MOV | |
| SPD configuration | | 3-phase | |
| Connection to Network | | By screw terminals: L/N = 1.5-10mm ² (16mm ² rigid) or PE = 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 | | 2 mechanical indicators - Red/Green | |
| Spare module(s) | | MDAC15C-30-440 | |
| Remote signaling of disconnection | | Option DAC15CS-30-440 : output on changeover contact | |
| Dimensions | | See diagram - 2TE (EN43880) | |
| Weight | | 0.273 kg | |
| Disconnectors | | | |
| Thermal disconnector | | Internal | |
| Installation ground fault breaker | | Type 'S' or delayed | |
| Back-up protection device | | 20 A min. - 125 A max. - Fuses type gG | |
| Standards | | | |
| Standards compliance | | IEC 61643-11 / EN 61643-11 / UL1449 ed.5 | |
| Part number | | | |
| 821610413 | | | |

