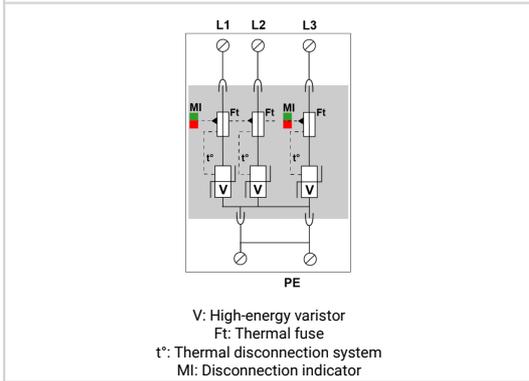
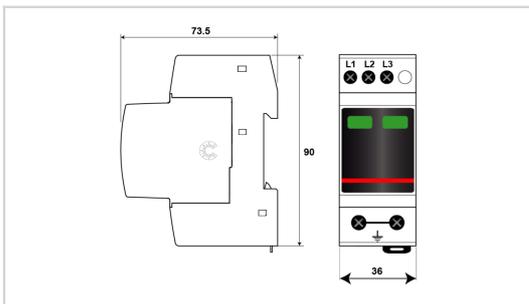




DAC40C-30-150



- ✦ Compact 3-phase Type 2 surge protector
- ✦ In : 20 kA
- ✦ I_{max} : 40 kA
- ✦ Common mode/differential
- ✦ Pluggable module
- ✦ Remote signaling option
- ✦ EN 61643-11, IEC 61643-11, UL1449 ed.5 compliance



| Electrical Characteristics | | | |
|--|------------------------|--|---|
| SPD type | IEC | | 2 |
| Network | | | 120/208 V |
| AC system | | | TN |
| Max. AC operating voltage | U _c | | 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 | I _{pe} | | < 1 mA |
| Follow current | I _f | | None |
| Nominal discharge current 15 x 8/20 μs impulses | I _n | | 20 kA |
| Max. discharge current max. withstand @ 8/20 μs by pole | I _{max} | | 40 kA |
| Total Maximum discharge current max. total withstand @ 8/20 μs | I _{max} Total | | 160 kA |
| Protection mode(s) | | | L/PE and N/PE |
| Protection level N/PE @ I _n (8/20μs) | Up N/PE | | 0.9 kV |
| Protection level L/PE @ I _n (8/20μs) | Up L/PE | | 1.2 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) | | | MDAC40C-30-150 |
| Remote signaling of disconnection | | | Option DAC40CS-30-150 : output on changeover contact |
| Dimensions | | | See diagram - 2TE (EN43880) |
| Disconnectors | | | |
| Thermal disconnector | | | Internal |
| Installation ground fault breaker | | | Type 'S' or delayed |
| Back-up protection device | | | 50 A min. - 125 A max. - Fuses Type gG |
| Standards | | | |
| Standards compliance | | | IEC 61643-11 / EN 61643-11 / UL1449 ed.5 |
| Part number | | | |
| 821510113 | | | |

