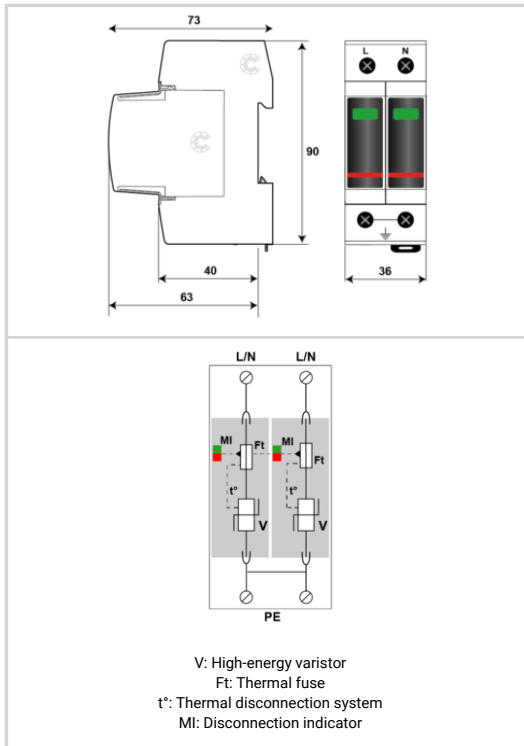


DAC80-20-440



- Re-inforced Type 2 AC surge protector
- In : 40 kA
- Imax : 80 kA
- Pluggable module for each phase
- Remote signaling option
- EN 61643-11, IEC 61643-11 and UL1449 ed.5 compliance



| Electrical Characteristics | |
|--|---|
| SPD type | 2 |
| Network | 230 V single-phase |
| AC system | IT |
| Max. AC operating voltage | Uc 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 | Ipe < 1 mA |
| Follow current | If None |
| Nominal discharge current 15 x 8/20 μs impulses | In 40 kA |
| Max. discharge current max. withstand @ 8/20 μs by pole | Imax 80 kA |
| Protection mode(s) | L/PE and N/PE |
| Protection level N/PE @ In (8/20μs) | Up N/PE 2 kV |
| Protection level L/PE @ In (8/20μs) | Up L/PE 2 kV |
| Admissible short-circuit current | Iscrr 50 000 A |
| Mechanical Characteristics | |
| Technology | MOV |
| Connection to Network | By screw terminals: 2.5-25mm ² (35mm ² rigid) |
| Format | Plug-in modular box |
| Pluggable | Yes |
| 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) | MDAC80-440 |
| Remote signaling of disconnection | option DAC80S-20-440 : output on changeover contact |
| Dimensions | See diagram - 2TE (EN43880) |
| Weight | 0.257 kg |
| Disconnectors | |
| Thermal disconnector | Internal |
| Installation ground fault breaker | Type 'S' or delayed |
| Fuses | Fuses Type gG - 125 A |
| Standards | |
| Standards compliance | IEC 61643-11 / EN 61643-11 / UL1449 ed.5 |
| Certification | KEMA |
| Part number | |
| 821210412 | |