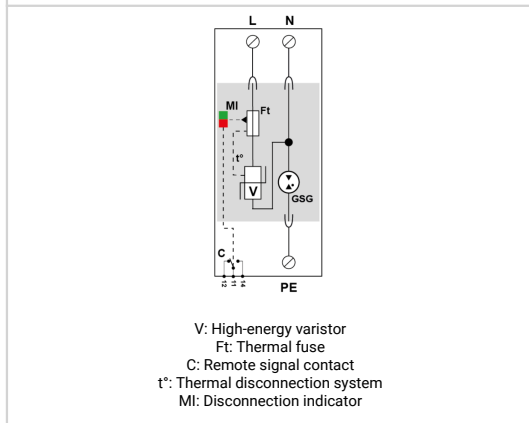
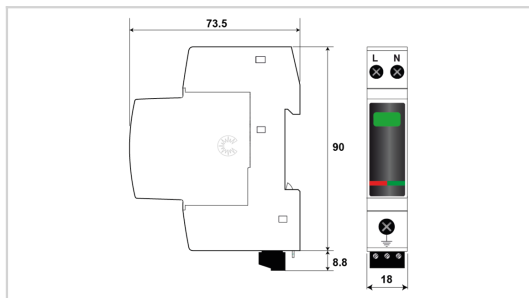


DAC40CS-11-320



- ✦ Compact Surge protector, 2-pole Type 2 or 3
- ✦ Conductivity per pole: In= 20 kA; Imax= 40 kA
- ✦ Common protection mode
- ✦ Safe disconnect device
- ✦ Transverse / longitudinal voltage protection
- ✦ Energetically coordinated
- ✦ Pluggable protection module
- ✦ Remote signalling
- ✦ IEC 61643-11 / EN 61643-11 certified
- ✦ UL1449 ed.5 compliance



| Electrical Characteristics | | | |
|--|------------|---|--|
| SPD type | IEC | 2 | |
| Network | | 230 V single-phase | |
| AC system | | TT-TN | |
| Max. AC operating voltage | Uc | 320 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 | |
| Temporary Over Voltage N/PE (TOV HT) Without disconnection or with safety disconnection | UT | 1200 V/300A/200 ms withstand | |
| Residual Current Leakage current to Ground | Ipe | None | |
| Follow current | If | None | |
| Nominal discharge current 15 x 8/20 µs impulses | In | 20 kA | |
| Max. discharge current max. withstand @ 8/20 µs by pole | Imax | 40 kA | |
| Total Maximum discharge current max. total withstand @ 8/20 µs | Imax Total | 40 kA | |
| Protection mode(s) | | L/PE and N/PE | |
| Protection level L/N @ In (8/20µs) | Up L/N | 1.5 kV | |
| Protection level N/PE @ In (8/20µs) | Up N/PE | 1.5 kV | |
| Admissible short-circuit current | Iscrc | 10 000 A | |
| Mechanical Characteristics | | | |
| Technology | | MOV+GDT | |
| SPD configuration | | Single 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 | Tu | -40/+85°C | |
| Protection rating | | IP20 | |
| Failsafe mode | | Disconnection from AC network | |
| Disconnection indicator | | 1 mechanical indicator - Red/Green | |
| Spare module(s) | | MDAC40C-11-320 | |
| 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 - 1TE (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 | |
| Certification | | KEMA | |
| Part number | | | |
| 821520321 | | | |

