



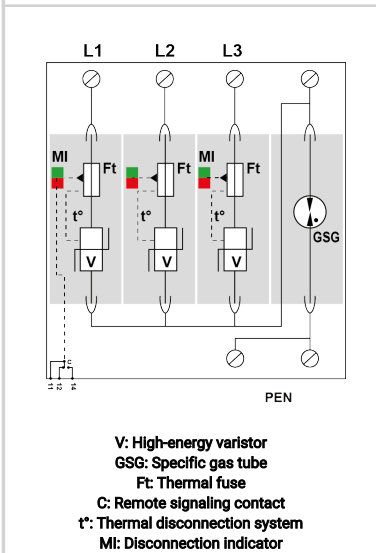
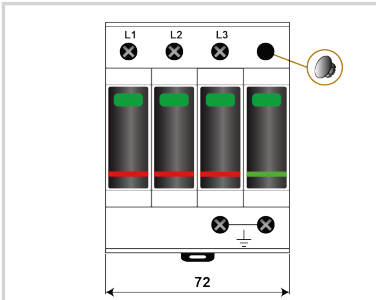
CITEL

Type 2 AC surge protector - 3-phase

DAC50S-31-760-2600DC



- › Type 2 AC surge protector
- › In : 20 kA
- › Imax : 50 kA
- › Pluggable module for each phase
- › Remote signaling
- › EN 61643-11, IEC 61643-11 compliance



| Electrical Characteristics | | |
|---|------------|--|
| SPD type | IEC | 2 |
| Network | | 400/690 Vac 3-phase |
| AC system | | TNC-IT |
| Max. AC operating voltage | Uc | 800 Vac |
| Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection | UT | 2200 Vac withstand |
| Residual Current | Ipe | None |
| Leakage current to Ground | | |
| Follow current | If | None |
| Nominal discharge current <i>15 x 8/20 μs impulses</i> | In | 20 kA |
| Max. discharge current <i>max. withstand @ 8/20 μs by pole</i> | Imax | 50 kA |
| Total Maximum discharge current <i>max. total withstand @ 8/20 μs</i> | Imax Total | 50 kA |
| Protection mode(s) | | L/PE |
| Protection level <i>@ In (8/20μs)</i> | Up | ≤ 4 kV |
| Admissible short-circuit current | Iscrc | 50 000 A |
| Mechanical Characteristics | | |
| Technology | | MOV+GDT |
| SPD configuration | | 3+1-Y diagram |
| Connection to Network | | By screw terminals: 2.5-25mm ² |
| 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 by pole - Red/Green |
| Spare module(s) | | MDAC50-320+MDAC50G-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 - 4TE (EN43880) |
| Weight | | 0.443 kg |
| 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 | | |
| 821115544 | | |

