



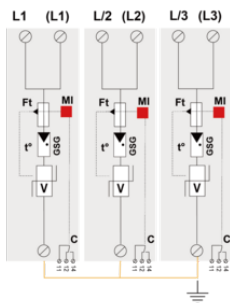
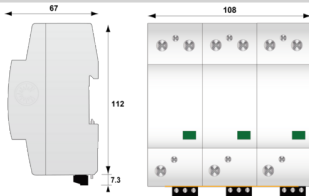
Type 1+2+3 AC surge protector - 3-Phase

CITEL

DACN1-35VGS-30-440



- Type 1+2+3 AC surge protector
- VG Technology
- In: 35 kA
- Iimp: 35 kA on 10/350µs impulse
- No leakage current
- Unpluggable module for each phase
- Remote signaling
- Optimized to TOV
- EN 61643-11, IEC 61643-11 complied



V: High-energy varistor
 GSG: Specific gas tube
 Ft: Thermal fuse
 C: Remote signaling contact
 t*: Thermal disconnection system
 MI: Disconnection indicator

| Electrical Characteristics | |
|---|---|
| SPD type | 1+2+3 |
| Max. AC operating voltage | Uc 440 Vac |
| Max. load current @25°C | IL 100 A |
| 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 None |
| Follow current | If None |
| Nominal discharge current 15 x 8/20 µs impulses | In 35 kA |
| Max. discharge current max. withstand @ 8/20 µs by pole | I _{max} 70 kA |
| Impulse current by pole max. withstand 10/350µs by pole | I _{imp} 35 kA |
| Withstand on Combination waveform IEC 61643-11 Class III test: 1.2/50µs - 8/20µs | Uoc 6 kV |
| Specific energy by pole max. withstand 10/350 µs | W/R 306 kJ/o |
| Protection level @ In (8/20µs) and @ 6 kV (1,2/50 µs) | Up 1.8 kV |
| Admissible short-circuit current | I _{sc} 50 000 A |
| Mechanical Characteristics | |
| Technology | VG Technology (MOV+GSG) |
| SPD configuration | 3-phase |
| Connection to Network | By screw terminals: 2.5-25mm ² (35mm ² rigid) |
| Format | 1-pole modular box assembled |
| 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 |
| 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 - 6TE (EN43880) |
| Weight | 1.244 kg |
| Disconnectors | |
| Thermal disconnector | Internal |
| Installation ground fault breaker | Type 'S' or delayed |
| Back-up protection device | Fuses type gG - 315 A |
| Standards | |
| Standards compliance | EN 61643-11 / IEC 61643-11 |
| Certification | |
| Part number | |
| 29323022 | |

