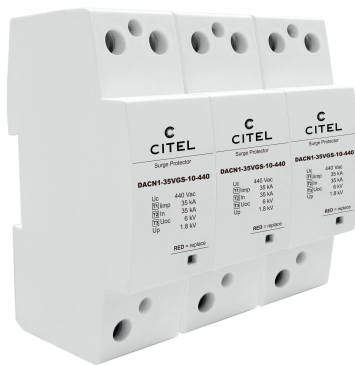
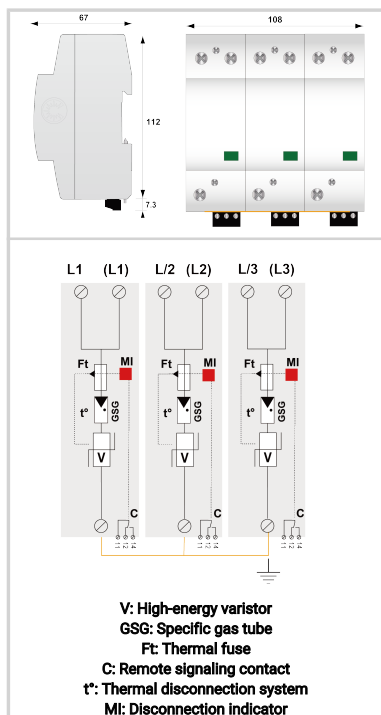




# CITEL



- 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



## Electrical Characteristics

|                                                                                                                    |                  |                       |
|--------------------------------------------------------------------------------------------------------------------|------------------|-----------------------|
| SPD type                                                                                                           | IEC              | 1+2+3                 |
| AC system                                                                                                          |                  | TNC-IT                |
| Max. AC operating voltage                                                                                          | Uc               | 440 Vac               |
| Max. load current @25°C                                                                                            | IL               | 100 A                 |
| Temporary Over Voltage (TOV) Characteristics - 5 sec.<br><i>Without disconnection</i>                              | UT               | 580 Vac withstand     |
| Temporary Over Voltage (TOV) Characteristics - 120 mn<br><i>Without disconnection or with safety disconnection</i> | UT               | 770 Vac disconnection |
| Residual Current<br><i>Leakage current to Ground</i>                                                               | Ipe              | None                  |
| Follow current                                                                                                     | If               | None                  |
| Nominal discharge current<br><i>15 x 8/20 µs impulses</i>                                                          | In               | 35 kA                 |
| Max. discharge current<br><i>max. withstand @ 8/20 µs by pole</i>                                                  | I <sub>max</sub> | 70 kA                 |
| Impulse current by pole<br><i>max. withstand 10/350µs by pole</i>                                                  | Iimp             | 35 kA                 |
| Withstand on Combination waveform IEC 61643-11<br><i>Class III test: 1.2/50µs - 8/20µs</i>                         | Uoc              | 6 kV                  |
| Specific energy by pole<br><i>max. withstand 10/350 µs</i>                                                         | W/R              | 306 kJ/o              |
| Protection level<br><i>@ In (8/20µs) and @ 6 kV (1,2/50 µs)</i>                                                    | Up               | 1.8 kV                |
| Admissible short-circuit current                                                                                   | Iscrr            | 50 000 A              |

## Mechanical Characteristics

|                                           |    |                                            |
|-------------------------------------------|----|--------------------------------------------|
| Technology                                |    | VG Technology (MOV+GSG)                    |
| SPD configuration                         |    | 3-phase                                    |
| Connection to Network                     |    | By screw terminals: 6-35mm² / by bus       |
| 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 mm² 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 - 400 A |

## Standards

|                      |  |                            |
|----------------------|--|----------------------------|
| Standards compliance |  | EN 61643-11 / IEC 61643-11 |
| Certification        |  |                            |

## Part number

29323022

