



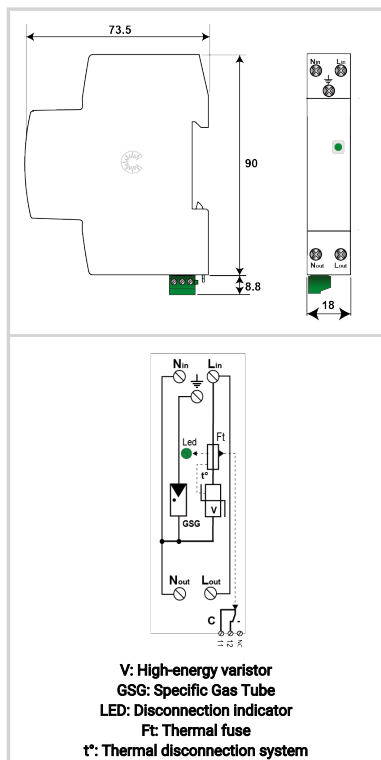
# CITEL

## Compact single-phase type 2 (or 3) surge protector - Monobloc

### DACN10S-11-150



- Cost effective single-phase surge protector
- Type 2 or 3 monobloc compact
- In/Imax: 5 kA/10 kA
- Max. load current: 25A
- 2-port configuration (series mounting)
- Remote signaling
- EN 61643-11, IEC 61643-11, UL1449 ed.5 compliance



| Electrical Characteristics                                                                               |            |                                           |
|----------------------------------------------------------------------------------------------------------|------------|-------------------------------------------|
| SPD type                                                                                                 | IEC        | 2+3                                       |
| Network                                                                                                  |            | 120/208 V                                 |
| AC system                                                                                                |            | TT-TN                                     |
| Max. AC operating voltage                                                                                | Uc         | 150 Vac                                   |
| Max. load current @25°C                                                                                  | IL         | 25 A                                      |
| Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection                              | UT         | 180 Vac withstand                         |
| Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection | UT         | 230 Vac disconnection                     |
| Temporary Over Voltage N/PE (TOV HT) Without disconnection or with safety disconnection                  | UT         | 1200 V/300A/200 ms breaker disconnection  |
| Residual Current Leakage current to Ground                                                               | Ipe        | None                                      |
| Nominal discharge current 15 x 8/20 µs impulses                                                          | In         | 5 kA                                      |
| Max. discharge current max. withstand @ 8/20 µs by pole                                                  | Imax       | 10 kA                                     |
| Total Maximum discharge current max. total withstand @ 8/20 µs                                           | Imax Total | 20 kA                                     |
| Withstand on Combination waveform IEC 61643-11 Class III test: 1.2/50µs - 8/20µs                         | Uoc        | 10 kV                                     |
| Protection level L/N @ In (8/20µs)                                                                       | Up L/N     | 0.7 kV                                    |
| Protection level N/PE @ In (8/20µs)                                                                      | Up N/PE    | 1.5 kV                                    |
| Admissible short-circuit current                                                                         | Iscrr      | 10 000 A                                  |
| Mechanical Characteristics                                                                               |            |                                           |
| SPD configuration                                                                                        |            | Single phase                              |
| Connection to Network                                                                                    |            | By screw terminals: 1.5-10mm <sup>2</sup> |
| 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                                                                                  |            | Green LED OFF                             |
| Remote signaling of disconnection                                                                        |            | output on NC contact                      |
| Wiring for remote signaling                                                                              |            | 1.5 mm <sup>2</sup> max.                  |
| Max. Voltage/Current for remote signaling                                                                |            | 250 V / 0.5 A (AC) / 30 V / 2 A (DC)      |
| Dimensions                                                                                               |            | See diagram - 1TE (EN43880)               |
| Disconnectors                                                                                            |            |                                           |
| Thermal disconnector                                                                                     |            | Internal                                  |
| Installation ground fault breaker                                                                        |            | Type 'S' or delayed                       |
| Back-up protection device                                                                                |            | Fuses type gG - 25A                       |
| Standards                                                                                                |            |                                           |
| Standards compliance                                                                                     |            | IEC 61643-11 / EN 61643-11 / UL1449 ed.5  |
| Part number                                                                                              |            |                                           |
| 70111012                                                                                                 |            |                                           |

