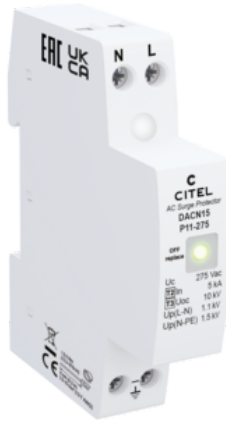




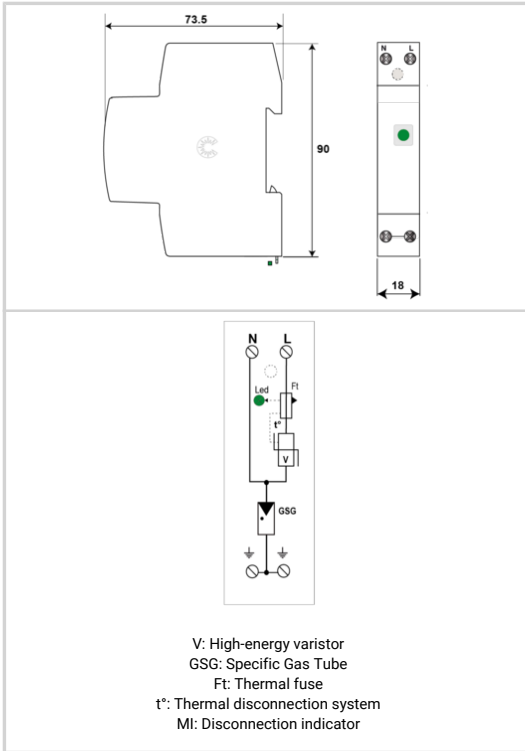
# Compact single-phase type 2 (or 3) surge protector - Monobloc

# CITEL

## DACN15-P11-275



- ↳ Compact single-phase Type 2 (or 3) surge protector
- ↳ In : 5 kA
- ↳ Imax : 15 kA
- ↳ Commun/Differential mode
- ↳ Monobloc module
- ↳ Remote signaling option
- ↳ EN 61643-11, IEC 61643-11 and UL1449 ed.5 compliance



| Electrical Characteristics   |         |  |
|--|---------|--|
| SPD type   |         | 2 (or 3)   |
| Network  |         | 230/400 V  |
| AC system  |         | TT-TN  |
| Max. AC operating voltage  | Uc      | 275 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      | 5 kA   |
| Max. discharge current max. withstand @ 8/20 μs by pole  | Imax    | 15 kA  |
| Withstand on Combination waveform IEC 61643-11 Class III test: 1.2/50μs - 8/20μs                         | Uoc     | 10 kV  |
| Protection mode(s)   |         | L/N and N/PE   |
| Protection level L/N @ In (8/20μs)   | Up L/N  | 1.1 kV   |
| Protection level N/PE @ In (8/20μs)  | Up N/PE | 1.5 kV   |
| Admissible short-circuit current   | Iscrr   | 10 000 A   |
| Mechanical Characteristics   |         |  |
| Technology   |         | MOV+GDT  |
| SPD configuration  |         | Single phase   |
| Connection to Network  |         | By screw terminals: 1.5-10mm <sup>2</sup>            |
| Format   |         | Monobloc 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  |         | Green LED OFF  |
| Remote signaling of disconnection  |         | Option DACN15S-P11-275: output on changeover contact |
| Dimensions   |         | See diagram - 1TE (EN43880)                          |
| Weight   |         | 0.090 kg   |
| Disconnectors  |         |  |
| Thermal disconnector   |         | Internal   |
| Installation ground fault breaker  |         | Type 'S' or delayed                                  |
| Back-up protection device  |         | 20 A min. - 125 A max. - Fuses type gG               |
| Standards  |         |  |
| Standards compliance   |         | IEC 61643-11 / EN 61643-11 / UL1449 ed.5             |
| Part number  |         |  |
| 70146021   |         |  |

