



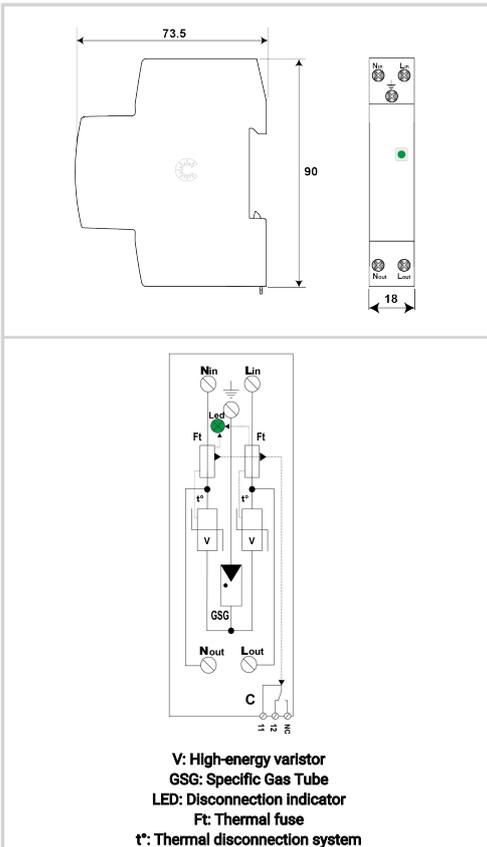
# CITEL

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

### DACN10-L21YG-275



- Cost effective single-phase surge protector
- Type 2+3 monobloc compact
- In/Imax: 5 kA/10 kA
- Max. load current: 16A
- Disconnection + AC line cut
- 2-port configuration (series mounting)
- Remote signaling
- EN 61643-11, IEC 61643-11 compliance



| Electrical Characteristics   |         |   |
|--|---------|---|
| SPD type   | IEC     | 2+3                                       |
| Network  |         | 230 V single-phase                        |
| AC system  |         | TN  |
| Max. AC operating voltage  | Uc      | 275 Vac                                   |
| Max. load current @25°C  | IL      | 16 A                                      |
| 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                     |
| 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                                     |
| Withstand on Combination waveform IEC 61643-11 Class III test: 1.2/50 μs - 8/20 μs                       | Uoc     | 10 kV                                     |
| Protection level L/N @ In (8/20 μs)  | Up L/N  | 1.3 kV                                    |
| Protection level N/PE @ In (8/20 μs)   | Up N/PE | 1.6 kV                                    |
| Protection level L/PE @ In (8/20 μs)   | Up L/PE | 1.6 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 and AC line cut-off         |
| Disconnection indicator  |         | Green LED OFF                             |
| Remote signaling of disconnection  |         | option DACN10S-L21YG-275                  |
| Dimensions   |         | See diagram - 1TE (EN43880)               |
| Weight   |         | 0.086 kg                                  |
| 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  |         | <b>70115021</b>                           |

