



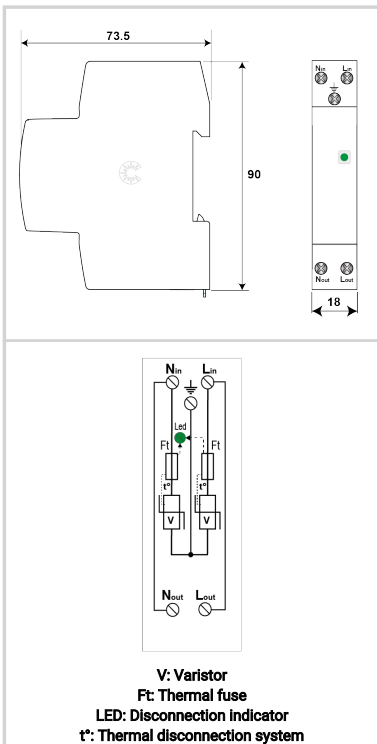
CITEL

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

DACN10-20-150



- 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 (option)
- EN 61643-11, IEC 61643-11, UL1449 ed.5 compliance



| Electrical Characteristics | | |
|--------------------------------------------------------------------------------------------------------------------|---------------|-------------------------------------------|
| SPD type | IEC | 2+3 |
| Network | | 120/208 V |
| AC system | | TN |
| Max. AC operating voltage | Uc | 150 Vac |
| Max. load current @25°C | IL | 25 A |
| Temporary Over Voltage (TOV) Characteristics - 5 sec. <i>Without disconnection</i> | UT | 180 Vac withstand |
| Temporary Over Voltage (TOV) Characteristics - 120 mn <i>Without disconnection or with safety disconnection</i> | UT | 230 Vac disconnection |
| Temporary Over Voltage N/PE (TOV HT) <i>Without disconnection or with safety disconnection</i> | UT | 1200 V/300A/200 ms breaker disconnection |
| Residual Current <i>Leakage current to Ground</i> | Ipe | None |
| Nominal discharge current <i>15 x 8/20 μs impulses</i> | In | 5 kA |
| Max. discharge current <i>max. withstand @ 8/20 μs by pole</i> | Imax | 10 kA |
| Total Maximum discharge current <i>max. total withstand @ 8/20 μs</i> | Imax Total | 20 kA |
| Withstand on Combination waveform IEC 61643-11 <i>Class III test: 1.2/50μs - 8/20μs</i> | Uoc | 10 kV |
| Protection level N/PE <i>@ In (8/20μs)</i> | Up N/PE | 0.7 kV |
| Protection level L/PE <i>@ In (8/20μs)</i> | Up L/PE | 0.7 kV |
| Admissible short-circuit current | Iscrr | 10 000 A |
| Mechanical Characteristics | | |
| SPD configuration | | Single phase |
| Connection to Network | | By screw terminals: 1.5-10mm ² |
| 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 DACN10S-20-150 |
| 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 | | |
| 70113011 | | |

