



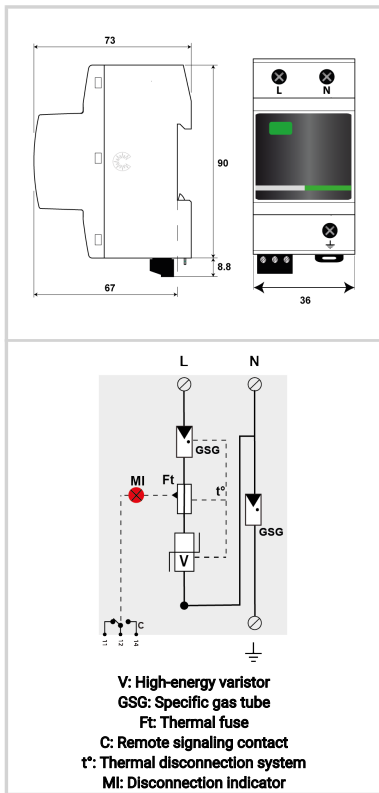
CITEL

Type 1+2+3 AC surge protector - Single phase

DACN1-25CVGS-11-150



- Type 1 + 2+3 AC surge protector
- VG Technology
- Iimp: 25 kA on 10/350µs impulse
- In: 25 kA
- Optimized to TOV
- No leakage current
- Monobloc
- Remote signaling
- EN 61643-11, IEC 61643-11 Certified



| Electrical Characteristics | | |
|--|---------|---|
| SPD type | IEC | 1+2+3 |
| Network | | 120/208 V |
| AC system | | TT-TN |
| Max. AC operating voltage | Uc | 150 Vac |
| 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 withstand |
| Temporary Over Voltage N/PE (TOV HT) <i>Without disconnection or with safety disconnection</i> | UT | 1200 V/300A/200 ms withstand |
| Residual Current <i>Leakage current to Ground</i> | Ipe | None |
| Follow current | If | None |
| Nominal discharge current <i>15 x 8/20 µs impulses</i> | In | 25 kA |
| Max. discharge current <i>max. withstand @ 8/20 µs by pole</i> | Imax | 100 kA |
| Impulse current by pole <i>max. withstand 10/350µs by pole</i> | Iimp | 25 kA |
| Total lightning current <i>max. total withstand @ 10/350µs</i> | Itotal | 50 kA |
| Withstand on Combination waveform IEC 61643-11 <i>Class III test: 1.2/50µs - 8/20µs</i> | Uoc | 6 kV |
| Protection level L/N <i>@ In (8/20µs)</i> | Up L/N | 1.5 kV |
| Protection level N/PE <i>@ In (8/20µs)</i> | Up N/PE | 1.5 kV |
| Admissible short-circuit current | Iscrr | 50 000 A |
| Mechanical Characteristics | | |
| Technology | | VG Technology (MOV+GSG) |
| SPD configuration | | Single phase |
| Connection to Network | | By screw terminals: 2.5-25mm ² (35mm ² rigid) |
| 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 | | 1 mechanical indicator - Red/Green |
| Remote signaling of disconnection | | Output on changeover contact |
| Wiring for remote signaling | | 1.5 mm ² max. |
| Max. Voltage/Current for remote signaling | | 250 V / 0.5 A (AC) / 30 V / 3 A (DC) |
| Weight | | 0.285 kg |
| Disconnectors | | |
| Thermal disconnector | | Internal |
| Installation ground fault breaker | | Type 'S' or delayed |
| Back-up protection device | | 315 A max. - Fuses Type gG / or SFD1-25S |
| Standards | | |
| Standards compliance | | EN 61643-11 / IEC 61643-11 |
| Certification | | KEMA |
| Part number | | |
| 64179 | | |

