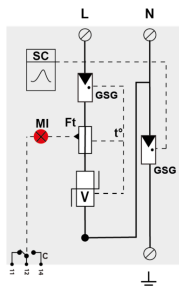
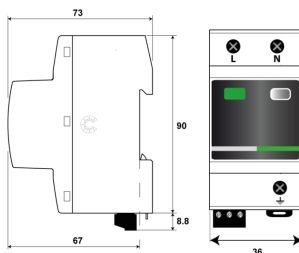


DACN1-25CVGS-11-150/SC



- ✦ 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



V: High-energy varistor
 GSG: Specific gas tube
 Ft: Thermal fuse
 C: Remote signaling contact
 t*: Thermal disconnection system
 MI: Disconnection indicator

| Electrical Characteristics | | |
|--|--------------------|---|
| SPD type | IEC | 1+2+3 |
| Network | | 120 V single-phase |
| AC system | | TT-TN |
| Max. AC operating voltage | Uc | 150 Vac |
| 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 withstand |
| 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 | 25 kA |
| Max. discharge current max. withstand @ 8/20 µs by pole | I _{max} | 100 kA |
| Impulse current by pole max. withstand 10/350µs by pole | I _{imp} | 25 kA |
| Total lightning current max. total withstand @ 10/350µs | I _{total} | 50 kA |
| Withstand on Combination waveform IEC 61643-11 Class III test: 1.2/50µs - 8/20µs | Uoc | 6 kV |
| Protection level L/N @ In (8/20µs) | Up L/N | 1.5 kV |
| Protection level N/PE @ In (8/20µs) | Up N/PE | 1.5 kV |
| Minimum current sensibility | I _{tc} | 100 A |
| Admissible short-circuit current | I _{scrr} | 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 | | 0.289 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 |
| Part number | | |
| 64190 | | |