



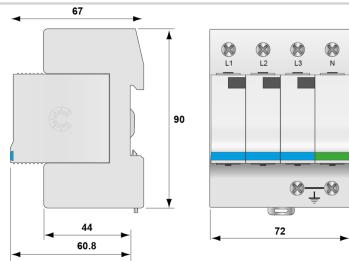
CITEL

Type 2 (or 3) AC surge protector - 3-phase+N

DS14-230/G



- Discover our latest innovation : the [DAC15C-31-275](#)
- Type 2 (or 3) AC Multipolar surge protector
- In : 5 kA
- Imax total: 40 kA
- Pluggable module by phase
- Remote signaling option
- EN 61643-11, IEC 61643-11, UL1449 ed.5 compliance



Electrical Characteristics

| | | |
|---|------------|------------------------------|
| SPD type | IEC | 2 (or 3) |
| Network | | 230/400 V 3-phase+N |
| AC system | | TT-TNS |
| Nominal line voltage | Un | 230 Vac |
| Max. AC operating voltage | Uc | 255 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 | Ipe | None |
| Leakage current to Ground | | |
| 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 | 10 kA |
| Total Maximum discharge current max. total withstand @ 8/20 µs | Imax Total | 40 kA |
| Withstand on Combination waveform IEC 61643-11 Class III test: 1.2/50µs - 8/20µs | Uoc | 10 kV |
| Withstand on overvoltages IEEE C62.41.1 | | 10 kV |
| Connection mode(s) | | L/N and N/PE |
| Protection mode(s) | | Common/Differential mode |
| Protection level L/N @ In (8/20µs) | Up L/N | 0.9 kV |
| Protection level N/PE @ In (8/20µs) | Up N/PE | 1.5 kV |
| Admissible short-circuit current | Isccr | 25 000 A |

Mechanical Characteristics

| | |
|-----------------------------------|--|
| Technology | MOV+GDT |
| SPD configuration | 3-phase+Neutral |
| Connection to Network | By screw terminals: 2.5-25mm ² / by bus |
| Format | Plug-in modular box |
| Mounting | Symmetrical rail 35 mm (EN 60715) |
| Housing material | Thermoplastic UL94 V-0 |
| Operating temperature | Tu |
| Protection rating | IP20 |
| Failsafe mode | Disconnection from AC network |
| Disconnection indicator | 1 mechanical indicator by pole |
| Spare module(s) | DSM10-230 + DSM40G-600 |
| Remote signaling of disconnection | option DS14-230/G : output on changeover contact |
| Dimensions | See diagram |

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 |
| Certification | UL Recognized |

Part number

471512

