

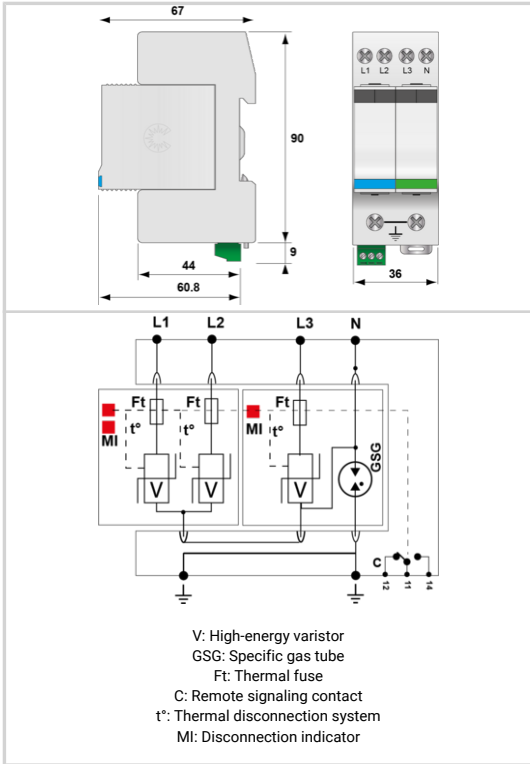


Compact 3-phase+N Type 2 surge protector - 230/400 V - Pluggable

CITEL DS415S-320/G



- Discover our latest innovation : the [DAC15CS-31-320](#)
- Compact 3-phase+N type 2 (or 3) surge protector
- In : 5 kA
- I_{max} : 15 kA
- Common/Differential mode
- Pluggable module
- Remote signaling
- EN 61643-11, CEI 61643-11, UL1449 ed.3 compliance



| Electrical Characteristics | | |
|--|-----------------------|---|
| SPD type | | 2 (or 3) |
| Network | | 230/400 V 3-phase |
| AC system | | TT-TN |
| Nominal line voltage | U _n | 230 Vac |
| Max. AC operating voltage | U _c | 320 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 | I _{pe} | None |
| Leakage current to Ground | | |
| Follow current | I _f | None |
| Nominal discharge current 15 x 8/20 μs impulses | I _n | 5 kA |
| Max. discharge current max. withstand @ 8/20 μs by pole | I _{max} | 15 kA |
| Withstand on Combination waveform IEC 61643-11 Class III test: 1.2/50μs - 8/20μs | U _{oc} | 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 |
| Residual voltage at 5 kA @ 5 kA (8/20μs) | U _{p-5kA} | 1.5/1 kV |
| Protection level CM/DM @ I _n (8/20μs) | U _{p mc /md} | 1.5/1 kV |
| Admissible short-circuit current | I _{sc cr} | 10 000 A |
| Mechanical Characteristics | | |
| Technology | | MOV |
| SPD configuration | | 3-phase+Neutral |
| Connection to Network | | By screw terminals: 1.5-10mm ² (L/N) or 2.5-25mm ² (PE) |
| Format | | Plug-in modular box |
| Mounting | | Symmetrical rail 35 mm (EN 60715) |
| Housing material | | Thermoplastic UL94 V-0 |
| Operating temperature | T _u | -40/+85°C |
| Protection rating | | IP20 |
| Failsafe mode | | Disconnection from AC network |
| Disconnection indicator | | 3 mechanical indicators |
| Spare module(s) | | DSM415-320/G + DSM415-320/GPE |
| Remote signaling of disconnection | | 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 | | |
| Part number | | |
| 451932 | | |

