



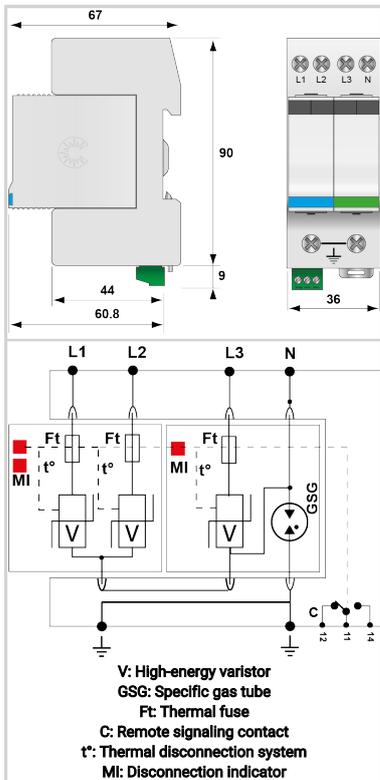
CITEL

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

DS415S-230/G



- ▶ Discover our latest innovation : the [DAC15CS-31-275](#)
- ▶ Compact 3-phase+N type 2 (or 3) surge protector
- ▶ In : 5 kA
- ▶ Imax : 15 kA
- ▶ Common/Differential mode
- ▶ Pluggable module
- ▶ Remote signaling
- ▶ EN 61643-11, CEI 61643-11, UL1449 ed.3 compliance



| Electrical Characteristics | | |
|---|------------|---|
| SPD type | IEC | 2+3 |
| Network | | 230/400 V 3-phase |
| AC system | | TT-TN |
| 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 Leakage current to Ground | Ipe | None |
| Follow current | If | None |
| Nominal discharge current 15 x 8/20 μ s impulses | In | 5 kA |
| Max. discharge current max. withstand @ 8/20 μ s by pole | Imax | 15 kA |
| Total Maximum discharge current max. total withstand @ 8/20 μ s | Imax Total | 15 kA |
| Withstand on Combination waveform IEC 61643-11 Class III test: 1.2/50 μ s - 8/20 μ s | 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 |
| Residual voltage at 5 kA @ 5 kA (8/20 μ s) | Up-5kA | 1.5/0.9 kV |
| Protection level L/N @ In (8/20 μ s) | Up L/N | 1.25 kV |
| Protection level L/PE @ In (8/20 μ s) | Up L/PE | 1.5 kV |
| Protection level CM/DM @ In (8/20 μ s) | Up mc /md | 1.5/0.9 kV |
| Admissible short-circuit current | Iscsr | 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 | Tu | -40/+85°C |
| Protection rating | | IP20 |
| Failsafe mode | | Disconnection from AC network |
| Disconnection indicator | | 3 mechanical indicators |
| Spare module(s) | | DSM415-230/G + DSM415-230/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 / 40 A (gL/gG) |
| Standards | | |



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| | |
|----------------------|--|
| Standards compliance | IEC 61643-11 / EN 61643-11 / UL1449 ed.5 |
| Certification | |
| Part number | |
| 451732 | |

