



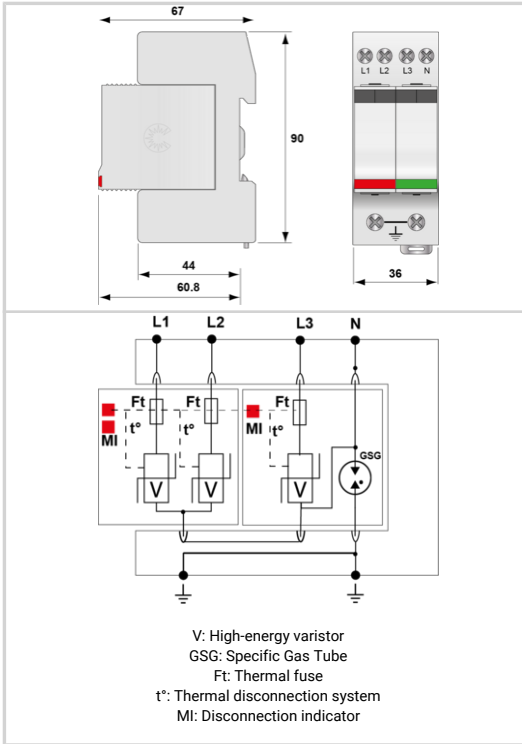
Compact 3-phase+N Type 2 surge protector - 230/400 V - Pluggable

CITEL

DS440-230/G



- Discover our latest innovation : the [DAC40C-31-275](#)
- Compact 3-Phase Type 2 surge protector
- In : 20 kA
- Imax : 40 kA
- Common/Differential mode
- Pluggable module
- Remote Signaling contact option
- EN 61643-11, IEC 61643-11, UL1449 ed.5 compliance



| Electrical Characteristics | |
|----------------------------------------------------------------------------------------------------------|-------------------------------------------------------|
| SPD type | 2 |
| 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 | Ipe None |
| Leakage current to Ground | Ile None |
| Follow current | If None |
| Nominal discharge current 15 x 8/20 μs impulses | In 20 kA |
| Max. discharge current max. withstand @ 8/20 μs by pole | Imax 40 kA |
| Total Maximum discharge current max. total withstand @ 8/20 μs | Imax Total 40 kA |
| Connection mode(s) | L/N and N/PE |
| Protection mode(s) | Common/Differential mode |
| Residual voltage at 5 kA @ 5 kA (8/20μs) | Up-5kA 1.5/0.9 kV |
| Protection level L/N @ In (8/20μs) | Up L/N 1.25 kV |
| Protection level N/PE @ In (8/20μs) | Up N/PE 1.5 kV |
| Admissible short-circuit current | Iscrr 10 000 A |
| Mechanical Characteristics | |
| Technology | MOV+GDT |
| SPD configuration | 3-phase+Neutral |
| Connection to Network | By screw terminals: 1.5-10mm² (L/N) or 2.5-25mm² (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 | 4 mechanical indicators |
| Spare module(s) | DSM440-230G and DSM440-230/GPE |
| Remote signaling of disconnection | Option DS440S-230/G : output on changeover contact |
| Dimensions | See diagram |
| Weight | 0.214 kg |
| Disconnectors | |
| Thermal disconnector | Internal |
| Installation ground fault breaker | Type 'S' or delayed |
| Back-up protection device | 50 A min. - 125 A max. - Fuses Type gG |
| Standards | |
| Standards compliance | IEC 61643-11 / EN 61643-11 / UL1449 ed.5 |
| Certification | |
| Part number | |
| 311722 | |

