



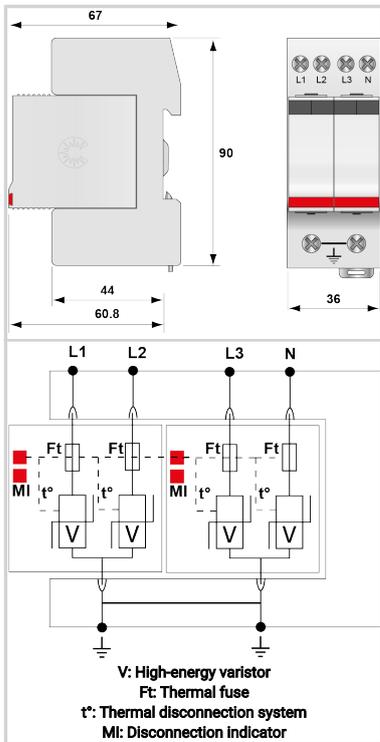
CITEL

Compact 3-phase+N Type 2 surge protector - 120 V - Pluggable

DS440-120



- Discover our latest innovation : the [DAC40C-40-150](#)
- Compact 3-Phase Type 2 surge protector
- In : 20 kA
- Imax : 40 kA
- Common mode
- Pluggable module
- Remote Signaling contact option
- EN 61643-11, IEC 61643-11, UL1449 ed.5 compliance



| Electrical Characteristics | | |
|--|-----------|---|
| SPD type | IEC | 2 |
| Network | | 120/208 V 3-phase |
| AC system | | TN |
| Nominal line voltage | Un | 120 Vac |
| 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 disconnection |
| Residual Current Leakage current to Ground | Ipe | < 0.5 mA |
| 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 |
| Connection mode(s) | | L/PE and N/PE |
| Protection mode(s) | | Common mode |
| Residual voltage at 5 kA @ 5 kA (8/20 μs) | Up-5kA | 0.6 kV |
| Protection level CM/DM @ In (8/20 μs) | Up mc /md | 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 | | 4 mechanical indicators |
| Spare module(s) | | DSM440-120 |
| Remote signaling of disconnection | | Option DS440S-120 : output on changeover contact |
| Dimensions | | See diagram |
| Weight | | 0.204 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 | | |
| 311602 | | |

