

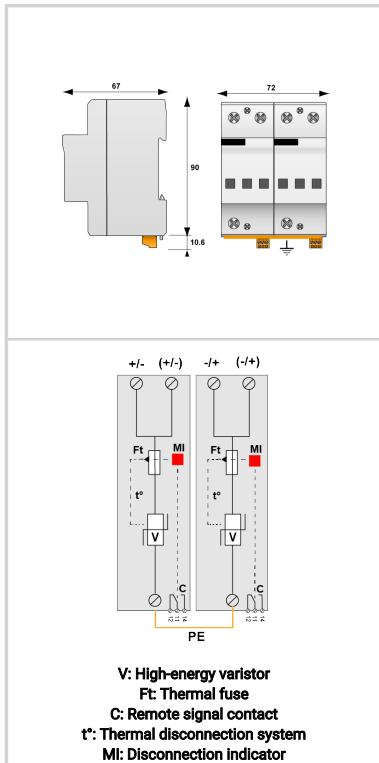


CITEL



DS252E-420DC

- Type 1 + 2 DC 400 V surge protector
- Iimp: 25 kA
- Internal disconnection with indicator
- Remote signaling
- EN 61643-11, IEC 61643-11 compliance



| Electrical Characteristics | | |
|--|--------------------|--|
| Network | | 400 Vdc |
| Max. DC operating voltage | Uc | 420 Vdc |
| Residual Current | Ipe | < 3 mA |
| Leakage current to Ground | | |
| Follow current | If | None |
| Nominal discharge current | In | 25 kA |
| 15 x 8/20 μs impulses | | |
| Max. discharge current | I _{max} | 140 kA |
| max. withstand @ 8/20 μs by pole | | |
| Impulse current by pole | I _{imp} | 25 kA |
| max. withstand 10/350 μs by pole | | |
| Total lightning current | I _{total} | 50 kA |
| max. total withstand @ 10/350 μs | | |
| Specific energy by pole | W/R | 156 kJ/ohm |
| max. withstand 10/350 μs | | |
| Protection level +/-PE (-/PE) @ In (8/20 μs) | Up | 1.5 kV |
| Admissible short-circuit current | I _{sc} | 50 000 A |
| Mechanical Characteristics | | |
| Connection to Network | | By screw terminals: 6-35mm ² / by bus |
| Mounting | | Symmetrical rail 35 mm (EN 60715) |
| Housing material | | Thermoplastic UL94 V-0 |
| Operating temperature | Tu | -40/+85°C |
| Protection rating | | IP20 |
| Disconnection indicator | | 1 mechanical indicator by pole |
| Remote signaling of disconnection | | Output on changeover contact |
| Dimensions | | See diagram |
| Disconnectors | | |
| Thermal disconnector | | Internal |
| Back-up protection device | | Fuses type gG - 315 A |
| Standards | | |
| Standards compliance | | IEC 61643-11 / EN 61643-11 |
| Certification | | |
| Part number | | |
| 64005 | | |

