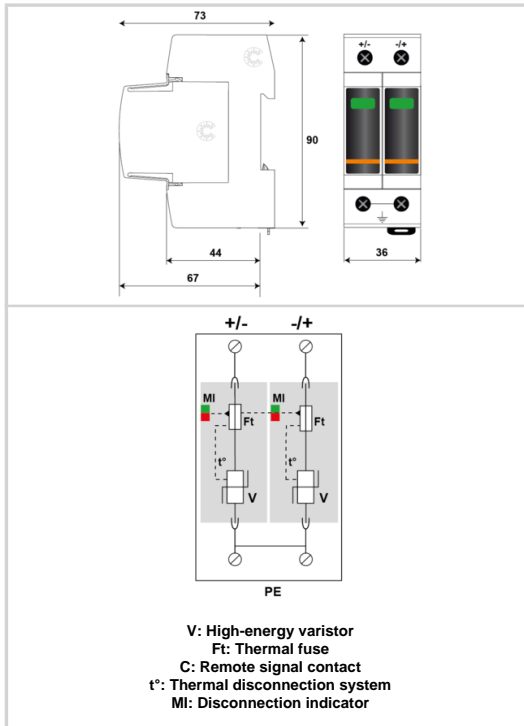


DDC30-20-65



- Surge protector for DC supplies 2-pole
- Type 1 + 2
- In: 15 kA / I_{max}: 30 kA
- I_{imp}: 4kA
- Pluggable module
- Remote signaling (option)
- prIEC 61643-41 compliance



| Electrical Characteristics | |
|---|---|
| SPD type (following IEC tests) | 1+2 |
| Nominal DC voltage | Un-dc 48 Vdc |
| Max. AC operating voltage | Uc 50 Vac |
| Max. DC operating voltage | Uc 65 Vdc |
| Residual Current (Leakage current to Ground) | I _{pe} < 0.1 mA |
| Follow current | I _f None |
| Nominal discharge current (15 x 8/20 μs impulses) | I _n 15 kA |
| Max. discharge current (max. withstand @ 8/20 μs by pole) | I _{max} 30 kA |
| Impulse current by pole (max. withstand 10/350μs by pole) | I _{imp} 4 kA |
| Total lightning current(max. total withstand @ 10/350μs) | I _{total} 60 kA |
| Connection mode(s) | +/-PE and -/PE |
| Protection level +/-PE (-/PE)(@ I _n (8/20μs)) | Up 300 V / 600 V |
| Admissible short-circuit current | I _{sc} 50 000 A |
| Mechanical Characteristics | |
| Technology | MOV |
| SPD configuration | 2 poles |
| Connection to Network | Srew terminals: 2.5-25 mm ² +/- : 1.5-10 mm ² |
| Pluggable | Yes |
| 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 | 2 mechanical indicators - Green/Red |
| Spare module(s) | MDDC30-65 |
| Remote signaling of disconnection | Option DDC30S-20-65: output on changeover contact |
| Wiring for remote signaling | 1.5 mm ² max. |
| Max. Voltage/Current for remote signaling | 250 V / 0.5 A (AC) / 30 V / 3 A (DC) |
| Dimensions | See diagram - 2TE (EN43880) |
| Weight | 0.167 kg |
| Disconnectors | |
| Thermal disconnector | Internal |
| Fuses | 50 A mini. - 125 A max. - Fuses Type gG |
| Standards | |
| Standards compliance | prIEC 61643-41 |
| Part number | |
| 828110112 | |

