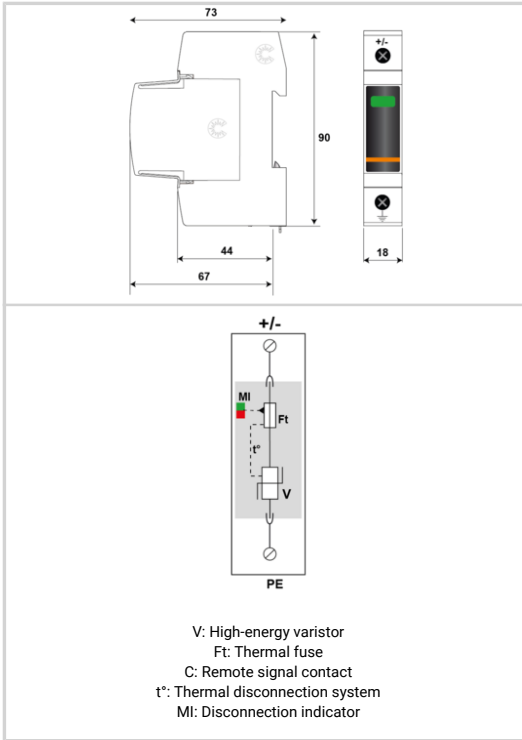




- ↳ Surge protector for DC supplies 1-pole
- ↳ Type 1 + 2
- ↳ In: 15 kA / I<sub>max</sub>: 30 kA
- ↳ I<sub>imp</sub>: 4kA
- ↳ Pluggable module
- ↳ Remote signaling (option)
- ↳ prIEC 61643-41 compliance



| Electrical Characteristics                                  |  |
|---|--|
| SPD type  | 1+2  |
| Nominal DC voltage  | Un-dc 75 Vdc   |
| Max. AC operating voltage                                   | Uc 60 Vac  |
| Max. DC operating voltage                                   | Uc 85 Vdc  |
| Residual Current<br>Leakage current to Ground               | I <sub>pe</sub> < 0.1 mA   |
| Follow current  | I <sub>f</sub> None  |
| Nominal discharge current<br>15 x 8/20 μs impulses          | I <sub>n</sub> 20 kA   |
| Max. discharge current<br>max. withstand @ 8/20 μs by pole  | I <sub>max</sub> 30 kA   |
| Impulse current by pole<br>max. withstand 10/350 μs by pole | I <sub>imp</sub> 4 kA  |
| Total lightning current<br>max. total withstand @ 10/350 μs | I <sub>total</sub> 60 kA   |
| Connection mode(s)  | +/-PE or -/PE  |
| Protection level +/-PE (-/PE)<br>@ I <sub>n</sub> (8/20 μs) | U <sub>p</sub> 390 V / -   |
| Admissible short-circuit current                            | I <sub>sc</sub> 50 000 A   |
| Mechanical Characteristics                                  |  |
| Technology  | MOV  |
| SPD configuration   | Single phase   |
| Connection to Network                                       | Screw terminals: 2.5-25mm <sup>2</sup> +/- 1.5-10mm <sup>2</sup> |
| Mounting  | Symmetrical rail 35 mm (EN 60715)                                |
| Housing material  | Thermoplastic UL94 V-0   |
| Operating temperature                                       | T <sub>u</sub> -40/+85°C   |
| Protection rating   | IP20   |
| Failsafe mode   | Disconnection from AC network                                    |
| Disconnection indicator                                     | 1 mechanical indicator - Red/Green                               |
| Spare module(s)   | MDDC30-85  |
| Remote signaling of disconnection                           | Option DDC30S-10-85: output on changeover contact                |
| Wiring for remote signaling                                 | 1.5 mm <sup>2</sup> max.   |
| Max. Voltage/Current for remote signaling                   | 250 V / 0.5 A (AC) / 30 V / 3 A (DC)                             |
| Dimensions  | See diagram - 1TE (EN43880)                                      |
| Weight  | 0.094 kg   |
| Disconnectors   |  |
| Thermal disconnector  | Internal   |
| Back-up protection device                                   | 50 A min. - 125 A max. - Fuses Type gG                           |
| Standards   |  |
| Standards compliance  | prIEC 61643-41   |
| Part number   |  |
| 828110211   |  |

