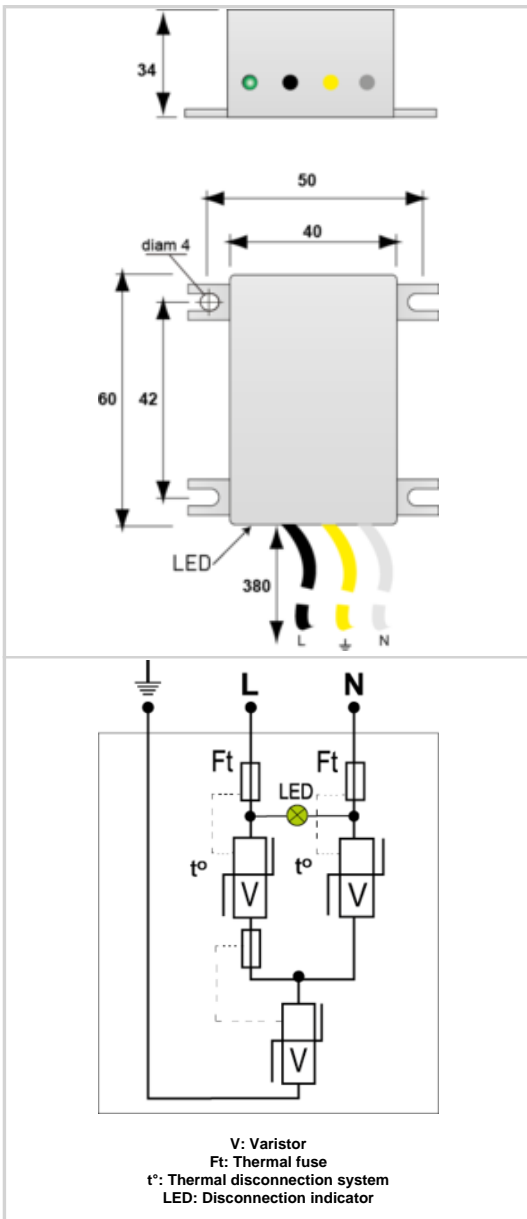


# MSB10-480(UL)



- ↳ Compact type 2 + 3 surge protector
- ↳ Wall mounting and hard wired connection
- ↳ Status indicators
- ↳ IP66
- ↳ UL1449 ed.4 certified
- ↳ EN 61643-11, IEC 61643-11 compliant



| Electrical Characteristics   |           |  |
|--|-----------|--|
| SPD type (following IEC tests)   |           | 2+3                                      |
| Network  |           | 347-480 Vac single-phase                 |
| AC system  |           | TT/TN                                    |
| Max. AC operating voltage  | Uc        | 550 Vac                                  |
| Temporary Over Voltage (TOV) Characteristics - 5 sec. (Without disconnection)                              | UT        | 700 Vac withstand                        |
| Temporary Over Voltage (TOV) Characteristics - 120 mn (Without disconnection or with safety disconnection) | UT        | 915 Vac disconnection                    |
| Follow current   | If        | None                                     |
| Nominal discharge current (15 x 8/20 µs impulses)  | In        | 3 kA                                     |
| Max. discharge current (max. withstand @ 8/20 µs by pole)  | Imax      | 10 kA                                    |
| Withstand on Combination waveform IEC 61643-11 (Class III test: 1.2/50µs - 8/20µs)                         | Uoc       | 6 kV                                     |
| Withstand on overvoltages IEEE C62.41.1  |           | 10 kV / 10 kA                            |
| Protection mode(s)   |           | Common/Differential mode                 |
| Protection level L/N (@ In (8/20µs))   | Up L/N    | 1.8 kV                                   |
| Protection level L/PE (@ In (8/20µs))  | Up L/PE   | 1.8 kV                                   |
| Protection level CM/DM( @ In (8/20µs) )  | Up mc /md | 2 kV/2 kV                                |
| Admissible short-circuit current   | Iscrc     | 10 000 A                                 |
| Mechanical Characteristics   |           |  |
| Technology   |           | MOV                                      |
| Connection to Network  |           | Wires                                    |
| Mounting   |           | Wall or plate                            |
| Housing material   |           | Thermoplastic UL94 V-0                   |
| Operating temperature  | Tu        | -40/+85°C                                |
| Protection rating  |           | IP66                                     |
| Failsafe mode  |           | Disconnection                            |
| Disconnection indicator  |           | Green led OFF                            |
| Voltage/operating indicator  |           | Green Led ON                             |
| Dimensions   |           | See diagram                              |
| Weight   |           | 0.116 kg                                 |
| Disconnectors  |           |  |
| Thermal disconnector   |           | Internal                                 |
| Installation ground fault breaker  |           | Type 'S' or delayed                      |
| Standards  |           |  |
| Standards compliance   |           | IEC 61643-11 / EN 61643-11 / UL1449 ed.4 |
| Certification  |           | UL / EAC                                 |
| Part number  |           |  |
| 561801   |           |  |