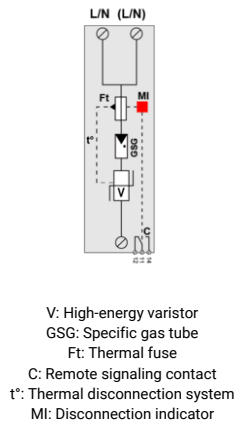
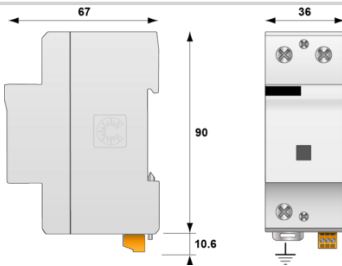




- Type 1+2+3 unipolar surge protector
- 25 kA on 10/350µs impulse
- Low voltage Up
- Internal disconnection, status indicator and remote signaling
- Optimized to TOV
- IEC 61643-11 and UL1449 ed.5 compliance



| Electrical Characteristics                                                                                  |        |                                          |
|-------------------------------------------------------------------------------------------------------------|--------|------------------------------------------|
| SPD type                                                                                                    | IEC    | 1+2+3                                    |
| Network                                                                                                     |        | 120/208 V                                |
| Nominal line voltage                                                                                        | Un     | 120 Vac                                  |
| Max. AC operating voltage                                                                                   | Uc     | 150 Vac                                  |
| Max. load current<br>if series connection                                                                   | IL     | 100 A                                    |
| Temporary Over Voltage (TOV) Characteristics - 5 sec.<br>Without disconnection                              | UT     | 180 Vac withstand                        |
| Temporary Over Voltage (TOV) Characteristics - 120 mn<br>Without disconnection or with safety disconnection | UT     | 230 Vac withstand                        |
| Residual Current<br>Leakage current to Ground                                                               | Ipe    | None                                     |
| Follow current                                                                                              | If     | None                                     |
| Nominal discharge current<br>15 x 8/20 µs impulses                                                          | In     | 30 kA                                    |
| Max. discharge current<br>max. withstand @ 8/20 µs by pole                                                  | Imax   | 70 kA                                    |
| Impulse current by pole<br>max. withstand 10/350µs by pole                                                  | Iimp   | 25 kA                                    |
| Withstand on Combination waveform IEC 61643-11<br>Class III test: 1.2/50µs - 8/20µs                         | Uoc    | 20 kV                                    |
| Withstand on overvoltages IEEE C62.41.1                                                                     |        | 20 kV                                    |
| Specific energy by pole<br>max. withstand 10/350 µs                                                         | W/R    | 156 kJ/ohm                               |
| Connection mode(s)                                                                                          |        | L/N or L/PE                              |
| Protection mode(s)                                                                                          |        | Common Mode or Differential Mode         |
| Protection level<br>@ In (8/20µs) and @ 6 kV (1,2/50 µs)                                                    | Up     | 1 kV                                     |
| Residual voltage<br>@ In (8/20 µs)                                                                          | Up-in  | 0.7 kV                                   |
| Residual voltage at 5 kA<br>@ 5 kA (8/20µs)                                                                 | Up-5kA | 0.4 kV                                   |
| Admissible short-circuit current                                                                            | Iscrr  | 50 000 A                                 |
| Mechanical Characteristics                                                                                  |        |                                          |
| Technology                                                                                                  |        | VG Technology (MOV+GSG)                  |
| SPD configuration                                                                                           |        | 2-poles                                  |
| Connection to Network                                                                                       |        | By screw terminals: 6-35mm² / by bus     |
| Format                                                                                                      |        | 1-pole 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                                                                                     |        | 1 mechanical indicator                   |
| Remote signaling of disconnection                                                                           |        | Output on changeover contact             |
| Dimensions                                                                                                  |        | See diagram                              |
| Weight                                                                                                      |        | 0.213 kg                                 |
| Disconnectors                                                                                               |        |                                          |
| Thermal disconnector                                                                                        |        | Internal                                 |
| Installation ground fault breaker                                                                           |        | Type 'S' or delayed                      |
| Back-up protection device                                                                                   |        | Fuses type gG - 315 A                    |
| Standards                                                                                                   |        |                                          |
| Standards compliance                                                                                        |        | IEC 61643-11 / EN 61643-11 / UL1449 ed.5 |
| Certification                                                                                               |        | UL                                       |
| Part number                                                                                                 |        |                                          |
| 2787                                                                                                        |        |                                          |