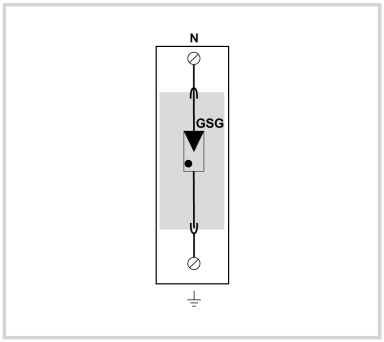
*Type 1 N/PE surge protector*

# DS100EG-600



- Type 1 N/PE surge protector
- Iimp : 50 kA (10/350µs)
- Imax : 140 kA (8/20µs)
- Compatible with DS250 and DS150 series
- IEC 61643-11 compliance




| Electrical Characteristics | | |
|---|---|---|
| SPD type | IEC | N/PE |
| Network | | 230/400V |
| Max. AC operating voltage | Uc | 255 Vac |
| Temporary Over Voltage (TOV) Characteristics - 5 sec.<br>*Without disconnection* | UT | 335 Vac withstand |
| Temporary Over Voltage (TOV) Characteristics - 120 mn<br>*Without disconnection or with safety disconnection* | UT | 440 Vac withstand |
| Temporary Over Voltage N/PE (TOV HT)<br>*Without disconnection or with safety disconnection* | UT | 1200 V/300A/200 ms withstand |
| Residual Current<br>*Leakage current to Ground* | Ipe | None |
| Follow current interrupting capability | Ifi | 100 A |
| Nominal discharge current<br>*15 x 8/20 µs impulses* | In | 70 kA |
| Max. discharge current<br>*max. withstand @ 8/20 µs by pole* | Imax | 140 kA |
| Impulse current by pole<br>*max. withstand 10/350µs by pole* | Iimp | 50 kA |
| Protection level N/PE<br>*@ In (8/20µs) and @ 6 kV (1,2/50 µs)* | Up N/PE | 1.5 kV |
| **Mechanical Characteristics** | | |
| Connection to Network | | By screw terminals: 6-35mm² / by bus |
| Format | | Monobloc modular box |
| Mounting | | Symmetrical rail 35 mm (EN 60715) |
| Housing material | | Thermoplastic UL94 V-0 |
| Operating temperature | Tu | -40/+85°C |
| Protection rating | | IP20 |
| Dimensions | | See diagram |
| Weight | | 0.203 kg |
| **Standards** | | |
| Standards compliance | | IEC 61643-11 / EN 61643-11 |
| Certification | | cRUus |
| **Part number** | | |
| **371801** | | |