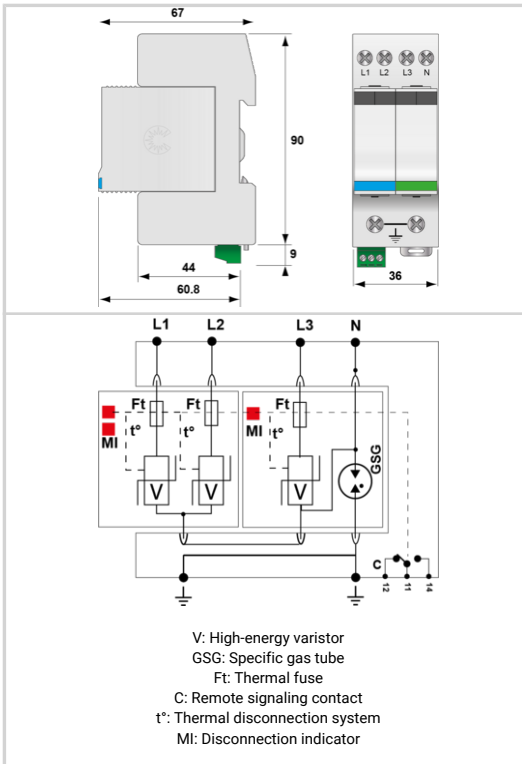


DS415S-230/G



- Compact 3-phase+N type 2 (or 3) surge protector
- In : 5 kA
- Imax : 15 kA
- Common/Differential mode
- Pluggable module
- Remote signaling
- EN 61643-11, CEI 61643-11, UL1449 ed.3 compliance



| Electrical Characteristics   |   |
|--|---|
| SPD type   | 2 (or 3)  |
| Network  | 230/400 V 3-phase   |
| AC system  | TT-TN   |
| Nominal line voltage   | Un 230 Vac  |
| Max. AC operating voltage  | Uc 255 Vac  |
| Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection                              | UT 335 Vac withstand  |
| Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection | UT 440 Vac disconnection  |
| Temporary Over Voltage N/PE (TOV HT) Without disconnection or with safety disconnection                  | UT 1200 V/300A/200 ms withstand   |
| Residual Current Leakage current to Ground   | Ipe None  |
| Follow current   | If None   |
| Nominal discharge current 15 x 8/20 μs impulses  | In 5 kA   |
| Max. discharge current max. withstand @ 8/20 μs by pole  | Imax 15 kA  |
| Total Maximum discharge current max. total withstand @ 8/20 μs   | Imax Total 15 kA  |
| Withstand on Combination waveform IEC 61643-11 Class III test: 1.2/50μs - 8/20μs                         | Uoc 10 kV   |
| Withstand on overvoltages IEEE C62.41.1  | 10 kV   |
| Connection mode(s)   | L/N and N/PE  |
| Protection mode(s)   | Common/Differential mode  |
| Residual voltage at 5 kA @ 5 kA (8/20μs)   | Up-5kA 1.5/0.9 kV   |
| Protection level L/N @ In (8/20μs)   | Up L/N 1.25 kV  |
| Protection level L/PE @ In (8/20μs)  | Up L/PE 1.5 kV  |
| Protection level CM/DM @ In (8/20μs)   | Up mc /md 1.5/0.9 kV  |
| Admissible short-circuit current   | Iscrc 10 000 A  |
| Mechanical Characteristics   |   |
| Technology   | MOV   |
| SPD configuration  | 3-phase+Neutral   |
| Connection to Network  | By screw terminals: 1.5-10mm <sup>2</sup> (L/N) or 2.5-25mm <sup>2</sup> (PE) |
| Format   | Plug-in 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  | 3 mechanical indicators   |
| Spare module(s)  | DSM415-230/G + DSM415-230/GPE   |
| Remote signaling of disconnection  | Output on changeover contact  |
| Dimensions   | See diagram   |
| Disconnectors  |   |
| Thermal disconnector   | Internal  |
| Installation ground fault breaker  | Type 'S' or delayed   |
| Fuses  | 20 A min. - 125 A max. - Fuses type gG  |
| Standards  |   |
| Standards compliance   | IEC 61643-11 / EN 61643-11 / UL1449 ed.5                                      |
| Certification  |   |
| Part number  |   |
| 451732   |   |