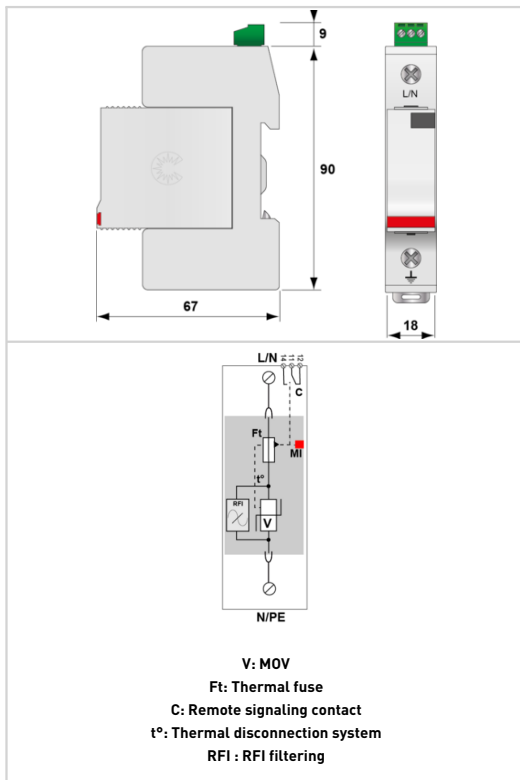


DS41HFS-230



- Type 2 AC surge protector
- RFI filtering integrated
- I_n : 20 kA
- I_{max} : 40 kA
- Pluggable module
- Remote signaling option
- EN 61643-11, IEC 61643-11, UL1449 ed.4 compliance



| Electrical Characteristics | | |
|--|-----------|--|
| SPD type (following IEC tests) | | 2 |
| Network | | 230/400 V |
| Max. AC operating voltage | U_c | 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 |
| Follow current | I_f | None |
| Nominal discharge current (15 x 8/20 μ s impulses) | I_n | 20 kA |
| Max. discharge current(max. withstand @ 8/20 μ s by pole) | I_{max} | 40 kA |
| RFI Filtering | | 0.1-30 Mhz |
| Connection mode(s) | | L/N or N/PE |
| Protection mode(s) | | Common Mode or Differential Mode |
| Protection level (@ I_n (8/20 μ s)) | U_p | 1.25 kV |
| Max. capacitance | C | 0,22 μ F |
| Admissible short-circuit current | I_{sc} | 25000 A |
| Mechanical Characteristics | | |
| Technology | | MOV+Filter |
| SPD configuration | | 1-pole |
| Connection to Network | | by screw terminals: 2.5-25 mm ² |
| Format | | Plug-in modular box |
| Mounting | | Symmetrical rail 35 mm (DIN 60715) |
| Housing material | | Thermoplastic UL94 V-0 |
| Operating temperature | T_u | -40/+85°C |
| Protection rating | | IP20 |
| Failsafe mode | | Disconnection |
| Disconnection indicator | | 1 mechanical indicator |
| Spare module(s) | | DSM40HF-230 |
| Remote signaling of disconnection | | Output on changeover contact |
| Dimensions | | See diagram |
| Weight | | 0.103 kg |
| Disconnectors | | |
| Thermal disconnector | | Internal |
| Installation ground fault breaker | | Type 'S' or delayed |
| Fuses | | Fuses type gG - 50 A |
| Standards | | |
| Standards compliance | | IEC 61643-11 / EN 61643-11 / UL1449 4ed. |
| Certification | | CSA / EAC |
| Part number | | |
| 461590 | | |