

DS-HF



- Surge protector with RFI filtering
- In : 3 kA
- Imax : 10 kA
- Common and Differential mode protection
- Low protection level
- Operating/disconnection indicators
- EN 61643-11, IEC 61643-11, UL1449 ed.5 compliance

Electrical Characteristics		
SPD type	2+3	
Network	230 V single-phase	
AC system	TT-TN	
Nominal line voltage	Un 230 Vac	
Max. AC operating voltage	Uc 255 Vac	
Max. load current	IL 16 A	
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	
Residual Current Leakage current to Ground	Ipe < 1 mA	
Follow current	If None	
Nominal discharge current 15 x 8/20 μ s impulses	In 3 kA	
Max. discharge current max. withstand @ 8/20 μ s by pole	Imax 10 kA	
Total Maximum discharge current max. total withstand @ 8/20 μ s	Imax Total 10 kA	
Withstand on Combination waveform IEC 61643-11 Class III test: 1.2/50 μ s - 8/20 μ s	Uoc 10 kV	
Withstand on overvoltages IEEE C62.41.1	10 kV	
RFI Filtering	0.1 - 30 MHz	
Connection mode(s)	L/N/PE	
Protection mode(s)	Common/Differential mode	
Protection level @ In (8/20 μ s)	Up 1 kV / 0.8 kV	
Admissible short-circuit current	Isccr 10 000 A	
Mechanical Characteristics		
SPD configuration	Single phase	
Connection to Network	By screw terminals: 0.75-4 mm ²	
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	Green LED(s) OFF	
Dimensions	See diagram	
Disconnectors		
Thermal disconnector	Internal	
Installation ground fault breaker	Type 'S' or delayed	
Back-up protection device	Fuses type gG - 20 A max. (if necessary)	
Standards		
Standards compliance	IEC 61643-11 / EN 61643-11 / UL1449 ed.5	
Certification		
Part number		
77945		

