



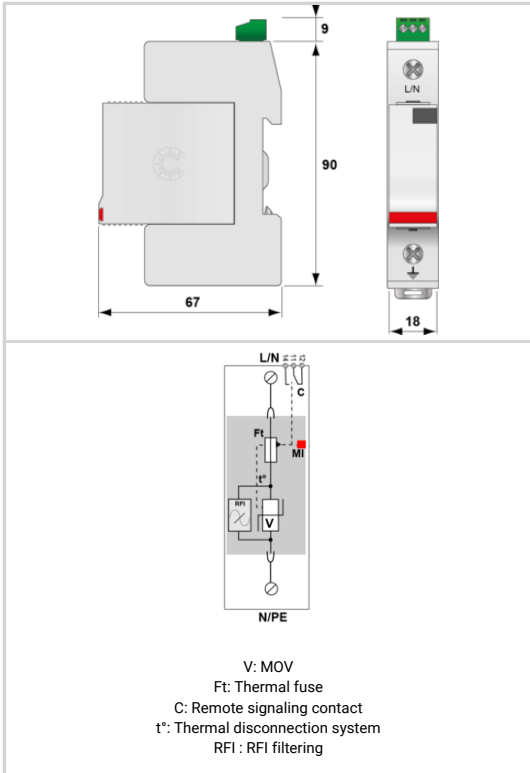
# CITEL

## Type 2 AC surge protector + RFI filtering

### DS41HFS-120



- Type 2 AC surge protector
- RFI filtering integrated
- In : 20 kA
- Imax : 40 kA
- Pluggable module
- Remote signaling option
- EN 61643-11, IEC 61643-11, UL1449 ed.5 compliance



Electrical Characteristics	
SPD type	2
Network	120/208 V
Nominal line voltage	Un 120 Vac
Max. AC operating voltage	Uc 150 Vac
Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection	UT 180 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection	UT 230 Vac disconnection
Follow current	If None
Nominal discharge current 15 x 8/20 μs impulses	In 20 kA
Max. discharge current max. withstand @ 8/20 μs by pole	Imax 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 @ In (8/20μs)	Up 0.9 kV
Residual voltage at 5 kA @ 5 kA (8/20μs)	Up-5kA 0.6 kV
Max. capacitance	C 0,22 μF
Admissible short-circuit current	Iscrc 25 000 A
Mechanical Characteristics	
Technology	MOV+Filter
SPD configuration	Single phase
Connection to Network	By screw terminals: 2.5-25mm <sup>2</sup>
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	1 mechanical indicator
Spare module(s)	DSM40HF-120
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
Back-up protection device	Fuses type gG - 50 A
Standards	
Standards compliance	IEC 61643-11 / EN 61643-11 / UL1449 ed.5
Certification	CSA
Part number	
461690	

