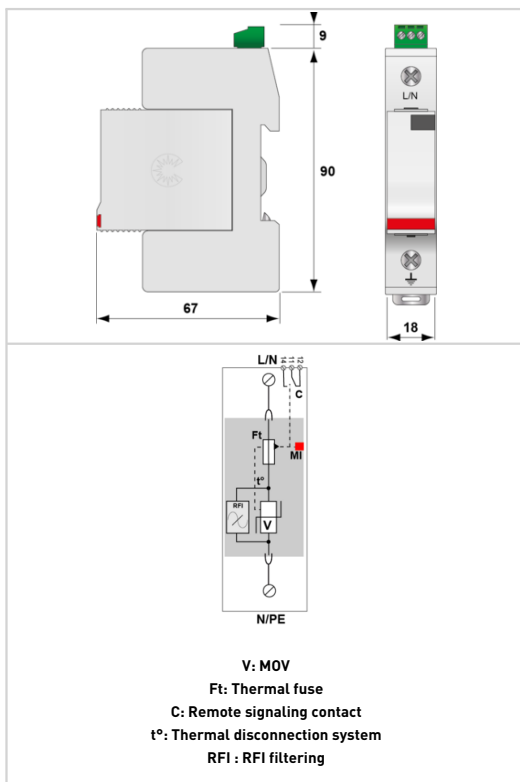


# DS41HFS-120



- 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.4 compliance



Electrical Characteristics		
SPD type (following IEC tests)		2
Network		120/208 V
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	Iscsr	25000 A
Mechanical Characteristics		
Technology		MOV+Filter
SPD configuration		1-pole
Connection to Network		by screw terminals: 2.5-25 mm <sup>2</sup>
Format		Plug-in modular box
Mounting		Symmetrical rail 35 mm (DIN 60715)
Housing material		Thermoplastic UL94 V-0
Operating temperature	Tu	-40/+85°C
Protection rating		IP20
Failsafe mode		Disconnection
Disconnection indicator		1 mechanical indicator
Spare module(s)		DSM40HF-120
Remote signaling of disconnection		Output on changeover contact
Dimensions		See diagram
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		
<b>461690</b>		