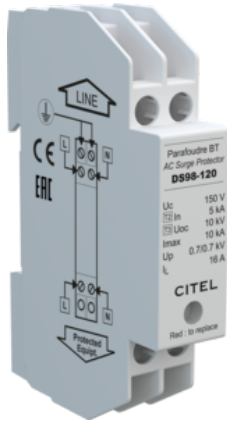
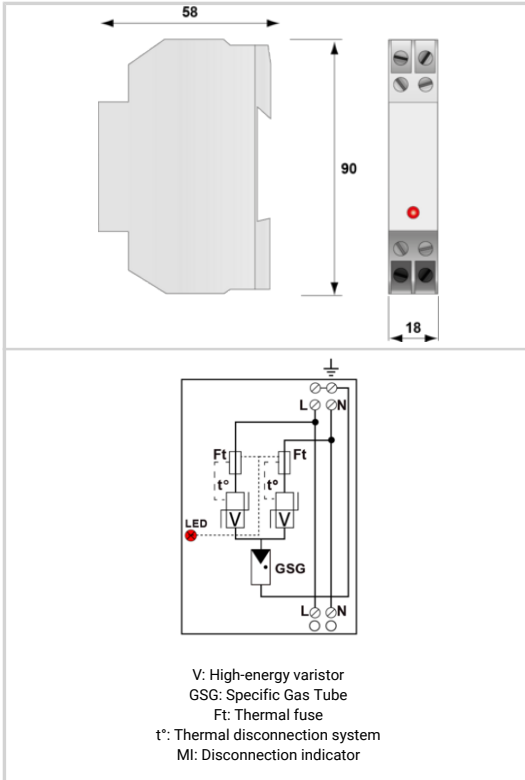


DS98-120



- Discover our latest innovation : the [DACN10-11-150](#)
- Cost effective single-phase surge protector
- Type 2 (or 3) monobloc
- In : 5 kA
- Imax : 10 kA
- Common/Differential mode
- Series or parallel wiring
- EN 61643-11, IEC 61643-11, UL1449 ed.5 compliance



Electrical Characteristics	
SPD type	2 (or 3)
Network	120 V single-phase
AC system	TN
Nominal line voltage	Un 120 Vac
Max. AC operating voltage	Uc 150 Vac
Max. load current @25°C	IL 16 A
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
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 10 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
Protection mode(s)	Common/Differential mode
Protection level L/N @ In (8/20μs)	Up L/N 0.7 kV
Protection level N/PE @ In (8/20μs)	Up N/PE 0.7 kV
Admissible short-circuit current	Iscrc 10 000 A
Mechanical Characteristics	
SPD configuration	Single phase
Connection to Network	By screw terminals: 2.5mm ² max.
Format	Monobloc 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	Red light on
Remote signaling of disconnection	option DS98S-120
Dimensions	See diagram
Disconnectors	
Thermal disconnector	Internal
Installation ground fault breaker	Type 'S' or delayed
Back-up protection device	Fuses type gG - 20A
Standards	
Standards compliance	IEC 61643-11 / EN 61643-11 / UL1449 ed.5
Certification	
Part number	
3509012	