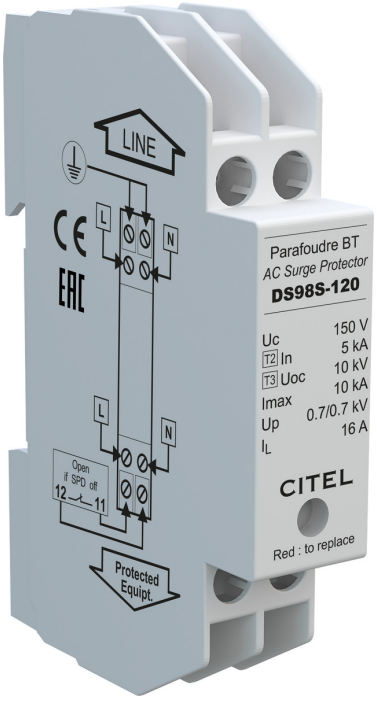
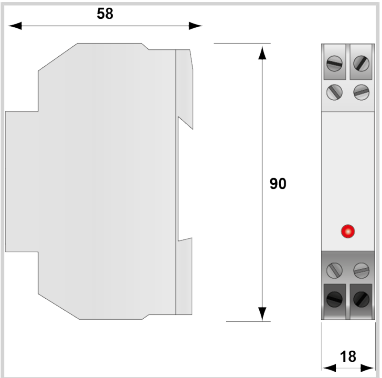
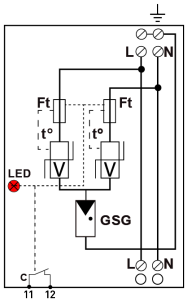
Compact single-phase type 2 (or 3) surge protector - 120 V - Monobloc

DS98S-120



- Cost effective single-phase surge protector
- Type 2 (or 3) monobloc
- In : 5 kA
- Imax : 10 kA
- Common/Differential mode
- Series or parallel wiring
- Remote signaling
- EN 61643-11, IEC 61643-11, UL1449 ed.5 compliance





V: High-energy varistor
GSG: Specific gas tube
Ft: Thermal fuse
C: Remote signaling contact
t°: Thermal disconnection system
MI: Disconnection indicator

Electrical Characteristics		
SPD type	IEC	2+3
Network		120/208 V
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
Connection mode(s)		L/N/PE
Protection mode(s)		Common/Differential mode
Protection level CM/DM *@ In (8/20µs)*	Up mc /md	0.7 kV / 0.7 kV
Admissible short-circuit current	Isccr	10 000 A
Mechanical Characteristics		
SPD configuration		Single phase
Connection to Network		By screw terminals: 2.5mm² 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
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		UL Recognized
Part number		
3539012		