

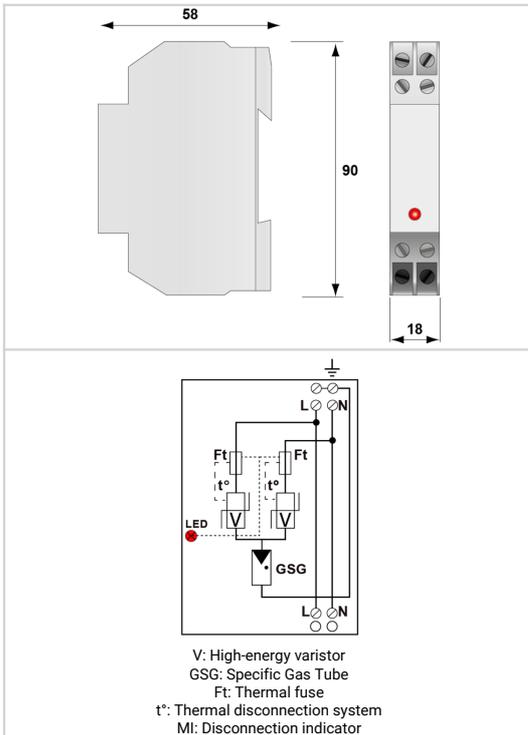


CITEL

DS98-120



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



Electrical Characteristics		
SPD type	IEC	2+3
Network		120 V single-phase
AC system		TN
Nominal line voltage	U _n	120 Vac
Max. AC operating voltage	U _c	150 Vac
Max. load current @25°C	I _L	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	I _{pe}	None
Follow current	I _f	None
Nominal discharge current 15 x 8/20 μs impulses	I _n	5 kA
Max. discharge current max. withstand @ 8/20 μs by pole	I _{max}	10 kA
Withstand on Combination waveform IEC 61643-11 Class III test: 1.2/50μs - 8/20μs	U _{oc}	10 kV
Withstand on overvoltages IEEE C62.41.1		10 kV
Protection mode(s)		Common/Differential mode
Protection level L/N @ I _n (8/20μs)	U _p L/N	0.7 kV
Protection level N/PE @ I _n (8/20μs)	U _p N/PE	0.7 kV
Admissible short-circuit current	I _{sc}	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	T _u	-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		

