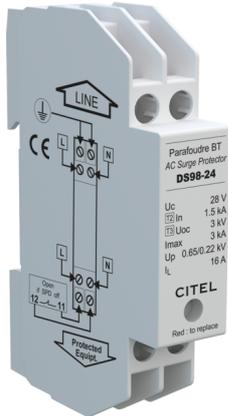


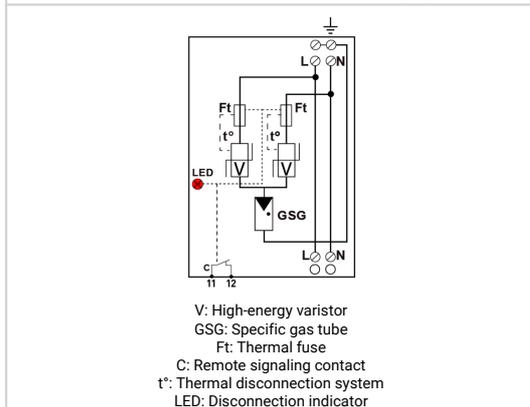
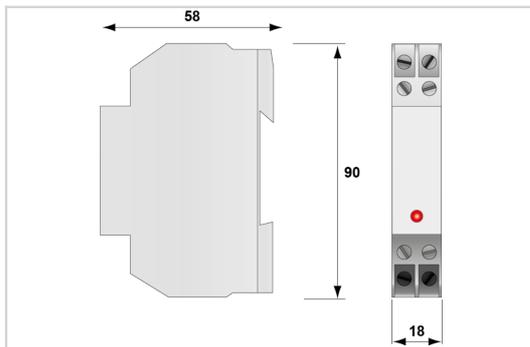


CITEL

DS98-24



- ✦ Discover our latest innovation : the [DDCN03S-21YG-30](#)
- ✦ Compact single-phase surge protector type 2 (or 3)
- ✦ Safety disconnection in-line
- ✦ Double connection in series
- ✦ Remote signaling
- ✦ Common and differential mode
- ✦ Monobloc and economic



Electrical Characteristics			
SPD type	IEC	2+3	
Network		24 V single-phase	
Nominal line voltage	Un	24 Vac	
Max. AC operating voltage	Uc	28 Vac	
Max. load current @25°C	IL	16 A	
Residual Current		None	
Leakage current to Ground	Ipe	None	
Follow current	If	None	
Nominal discharge current 15 x 8/20 µs impulses	In	1.5 kA	
Max. discharge current max. withstand @ 8/20 µs by pole	I _{max}	3 kA	
Withstand on Combination waveform IEC 61643-11 Class III test: 1.2/50µs - 8/20µs	Uoc	3 kV	
Withstand on overvoltages IEEE C62.41.1		3 kV	
Protection mode(s)		Common/Differential mode	
Protection level L/N @ In (8/20µs)	Up L/N	220 V	
Protection level N/PE @ In (8/20µs)	Up N/PE	650 V	
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	Tu	-40/+85°C	
Protection rating		IP20	
Failsafe mode		Disconnection from AC network	
Disconnection indicator		Red light on	
Remote signaling of disconnection		Contact NF open	
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			
350904			

