



CITEL

Compact 1-phase Type 2 (or 3) surge protector - 120 V -Pluggable

DS215S-120



- Discover our latest innovation : the [DAC15CS-20-150](#)
- Compact single-phase type 2 (or 3) surge protector
- In : 5 kA
- Imax : 15 kA
- Common mode
- Pluggable module
- Remote signaling
- EN 61643-11, IEC 61643-11 compliance
- UL1449 ed.5



Electrical Characteristics		
SPD type	IEC	2+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 if series connection	IL	20 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	< 0.5 mA
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	15 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/PE and N/PE
Protection mode(s)		Common mode
Residual voltage at 5 kA @ 5 kA (8/20µs)	Up-5kA	0.6 kV
Protection level CM/DM @ In (8/20µs)	Up mc/md	0.6 kV
Admissible short-circuit current	Isccr	10 000 A
Mechanical Characteristics		
Technology	MOV	
SPD configuration	Single phase	
Connection to Network	By screw terminals: 1.5-10mm ² (L/N) or 2.5-25mm ² (PE)	
Format	Plug-in 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	2 mechanical indicators	
Spare module(s)	DSM215-120	
Remote signaling of disconnection	Output on changeover contact	
Dimensions	See diagram	
Weight	0.094 kg	
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 / CSA	
Part number		
451611		

