



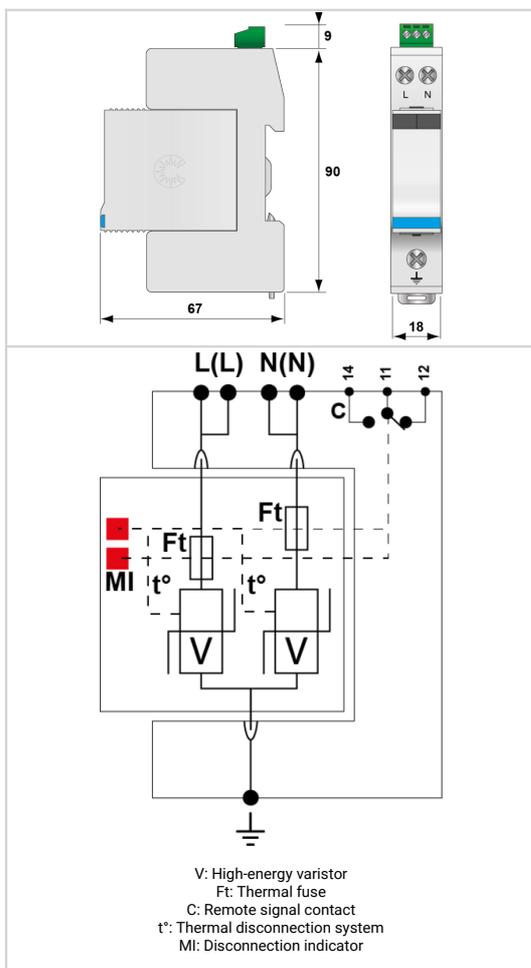
CITEL

Compact 1-phase Type 2 (or 3) surge protector - 230 V - Pluggable

DS215S-230



- ✦ Discover our latest innovation : the [DAC15CS-20-275](#)
- ✦ Compact single-phase type 2 (or 3) surge protector
- ✦ In : 5 kA
- ✦ I_{max} : 15 kA
- ✦ Common mode
- ✦ Pluggable module
- ✦ Remote signaling
- ✦ EN 61643-11, IEC 61643-11 compliance
- ✦ UL1449 ed.5



Electrical Characteristics			
SPD type	IEC	2 (or 3)	
Network		230 V single-phase	
AC system		TN	
Nominal line voltage	Un	230 Vac	
Max. AC operating voltage	Uc	255 Vac	
Max. load current if series connection	IL	20 A	
Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection	UT	335 Vac withstand	
Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection	UT	440 Vac disconnection	
Residual Current Leakage current to Ground	I _{pe}	< 0.5 mA	
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}	15 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	
Connection mode(s)		L/PE and N/PE	
Protection mode(s)		Common mode	
Residual voltage at 5 kA @ 5 kA (8/20μs)	U _{p-5kA}	0.9 kV	
Protection level CM/DM @ I _n (8/20μs)	U _{p mc/md}	0.9 kV	
Admissible short-circuit current	I _{scrr}	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	T _u	-40/+85°C	
Protection rating		IP20	
Failsafe mode		Disconnection from AC network	
Disconnection indicator		2 mechanical indicators	
Spare module(s)		DSM215-230	
Remote signaling of disconnection		Output on changeover contact	
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 / CSA	
Part number			
451711			

