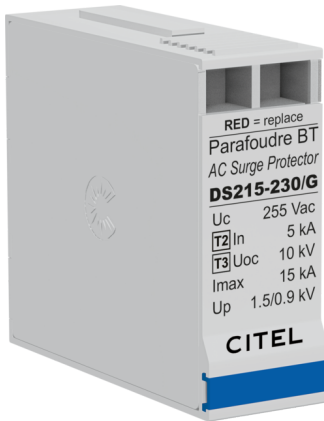


**DSM215-230/G**


- ✦ Discover our latest innovation : the [DAC15C-11-275](#)
- ✦ Compact single-phase type 2 (or 3) surge protector
- ✦ In : 5 kA
- ✦ Imax : 15 kA
- ✦ Common/Differential mode
- ✦ Pluggable module
- ✦ Remote signaling option
- ✦ 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		TT-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	
Temporary Over Voltage N/PE (TOV HT) Without disconnection or with safety disconnection	UT	1200 V/300A/200 ms withstand	
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	15 kA	
Withstand on Combination waveform IEC 61643-11 Class III test: 1.2/50µs - 8/20µs	Uoc	10 kV	
Connection mode(s)		L/N and N/PE	
Protection mode(s)		Common/Differential mode	
Residual voltage at 5 kA @ 5 kA (8/20µs)	Up-5kA	1.5/0.9 kV	
Protection level L/N @ In (8/20µs)	Up L/N	0.9 kV	
Protection level N/PE @ In (8/20µs)	Up N/PE	1.5 kV	
Admissible short-circuit current	Iscrr	10 000 A	
Mechanical Characteristics			
Technology		MOV+GDT	
SPD configuration		Single phase	
Connection to Network		By screw terminals: 1.5-10mm <sup>2</sup> (L/N) or 2.5-25mm <sup>2</sup> (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		1 mechanical indicator	
Spare module(s)		DSM215-230/G	
Remote signaling of disconnection		Option DS215S-230/G : output on changeover contact	
Disconnectors			
Thermal disconnector		Internal	
Installation ground fault breaker		Type 'S' or delayed	
Back-up protection device		20 A min. - 125 A max. - Fuses type gG	
Standards			
Standards compliance		IEC 61643-11 / EN 61643-11 / UL1449 ed.5	
Certification		UL / CSA	
Part number			
451720			