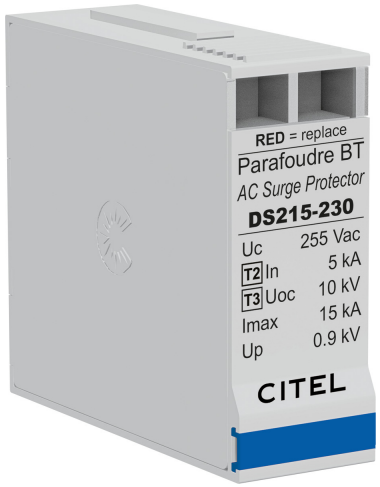
Compact 1-phase Type 2 (or 3) surge protector - 230 V - Pluggable

DSM215-230



- **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+3
Network		230/400V
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	Isccr	10 000 A
Mechanical Characteristics		
Technology		MOV+GDT
SPD configuration		Single phase
Connection to Network		By screw terminals: 1.5-10mm² (L/N) or 2.5-25mm² (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		
451700		