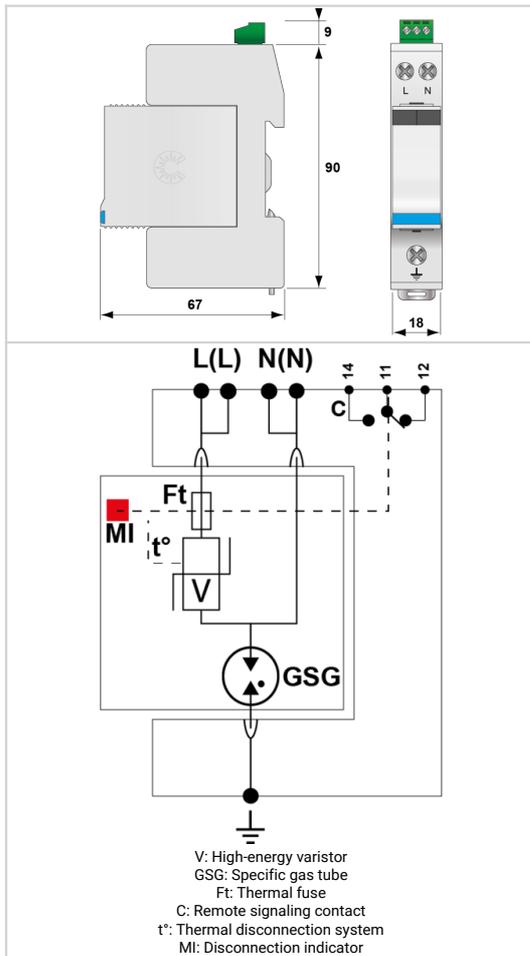


### DS215S-320/G



- ✦ Discover our latest innovation : the [DAC15CS-11-320](#)
- ✦ Compact single-phase type 2 (or 3) surge protector
- ✦ In : 5 kA
- ✦ I<sub>max</sub> : 15 kA
- ✦ Common/Differential 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		TT-TN
Nominal line voltage	Un	230 Vac
Max. AC operating voltage	Uc	320 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	I <sub>pe</sub>	None
Follow current	I <sub>f</sub>	None
Nominal discharge current 15 x 8/20 μs impulses	I <sub>n</sub>	5 kA
Max. discharge current max. withstand @ 8/20 μs by pole	I <sub>max</sub>	15 kA
Withstand on Combination waveform IEC 61643-11 Class III test: 1.2/50μs - 8/20μs	U <sub>oc</sub>	10 kV
Withstand on overvoltages IEEE C62.41.1		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	1.5/1 kV
Protection level N/PE @ I <sub>n</sub> (8/20μs)	Up N/PE	1.5 kV
Protection level CM/DM @ I <sub>n</sub> (8/20μs)	Up mc/md	1.5/1 kV
Admissible short-circuit current	I <sub>scrr</sub>	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)		DSM215-320/G
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 Recognized
Part number		
451931		