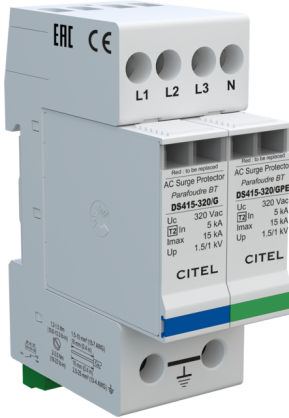




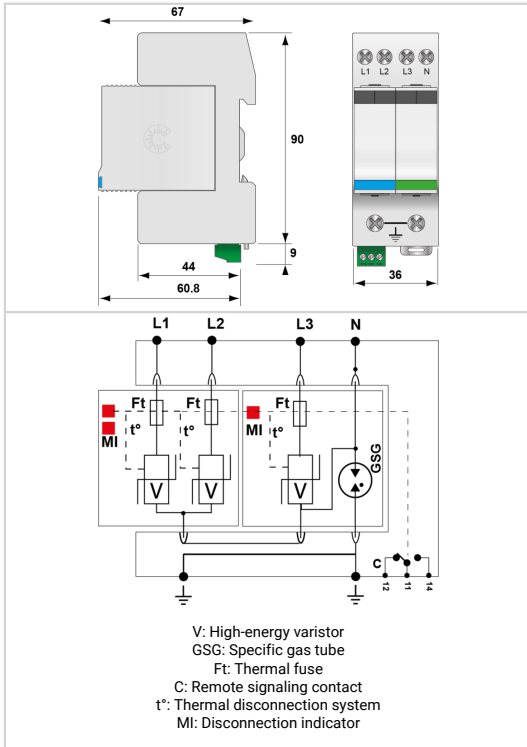
CITEL

Compact 3-phase+N Type 2 surge protector - 230/400 V - Pluggable

DS415S-320/G



- Discover our latest innovation : the [DAC15CS-31-320](#)
- Compact 3-phase+N type 2 (or 3) surge protector
- In : 5 kA
- I_{max} : 15 kA
- Common/Differential mode
- Pluggable module
- Remote signaling
- EN 61643-11, CEI 61643-11, UL1449 ed.3 compliance



Electrical Characteristics			
SPD type	IEC	2 (or 3)	
Network		230/400 V 3-phase	
AC system		TT-TN	
Nominal line voltage	U _n	230 Vac	
Max. AC operating voltage	U _c	320 Vac	
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	I _{pe}	None	
Leakage current to Ground	I _f	None	
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/N and N/PE	
Protection mode(s)		Common/Differential mode	
Residual voltage at 5 kA @ 5 kA (8/20μs)	U _{p-5kA}	1.5/1 kV	
Protection level CM/DM @ I _n (8/20μs)	U _{p mc/md}	1.5/1 kV	
Admissible short-circuit current	I _{sc cr}	10 000 A	
Mechanical Characteristics			
Technology		MOV	
SPD configuration		3-phase+Neutral	
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		3 mechanical indicators	
Spare module(s)		DSM415-320/G + DSM415-320/GPE	
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		20 A min. - 125 A max. - Fuses type gG	
Standards			
Standards compliance		IEC 61643-11 / EN 61643-11 / UL1449 ed.5	
Certification			
Part number			
451932			

