



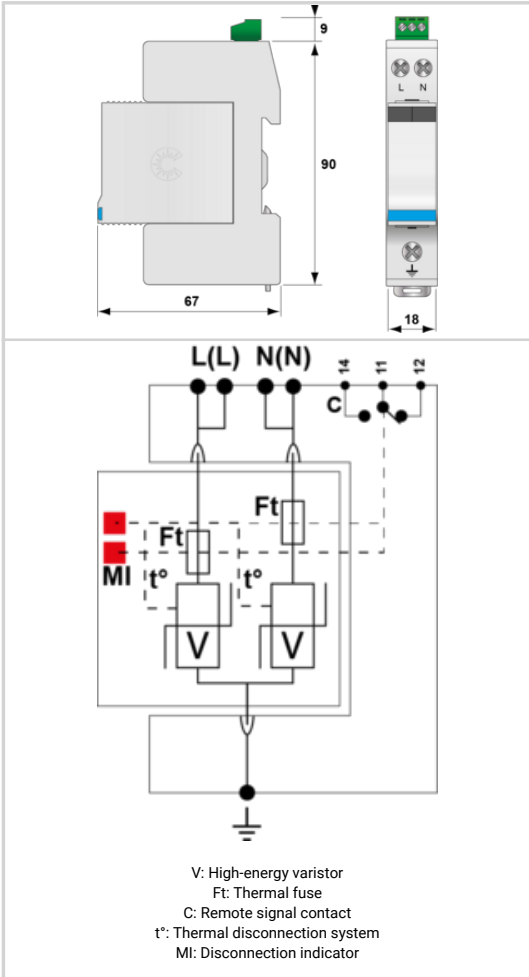
Compact 1-phase Type 2 (or 3) surge protector - 230 V - Pluggable

CITEL

DS215S-400



- ↳ Discover our latest innovation : the [DAC15CS-20-440](#)
- ↳ Compact single-phase type 2 (or 3) surge protector
- ↳ In : 5 kA
- ↳ Imax : 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		IT
Nominal line voltage	Un	400 Vac
Max. AC operating voltage	Uc	440 Vac
Max. load current if series connection	IL	20 A
Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection	UT	580 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection	UT	770 Vac disconnection
Residual Current Leakage current to Ground	Ipe	< 0.5 mA
Follow current	If	None
Nominal discharge current 15 x 8/20 μ s impulses	In	5 kA
Max. discharge current max. withstand @ 8/20 μ s by pole	Imax	15 kA
Withstand on Combination waveform IEC 61643-11 Class III test: 1.2/50 μ s - 8/20 μ s	Uoc	10 kV
Withstand on overvoltages IEEE C62.41.1		10 kV
Connection mode(s)		L/PE and N/PE
Protection mode(s)		Common mode
Protection level @ In (8/20 μ s)	Up	1.3 kV
Residual voltage at 5 kA @ 5 kA (8/20 μ s)	Up-5kA	1.3 kV
Admissible short-circuit current	Iscrc	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	Tu	-40/+85°C
Protection rating		IP20
Failsafe mode		Disconnection from AC network
Disconnection indicator		2 mechanical indicators
Spare module(s)		DSM215-400
Remote signaling of disconnection		Output on changeover contact
Dimensions		See diagram
Weight		0.118 kg
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		
451411		

