



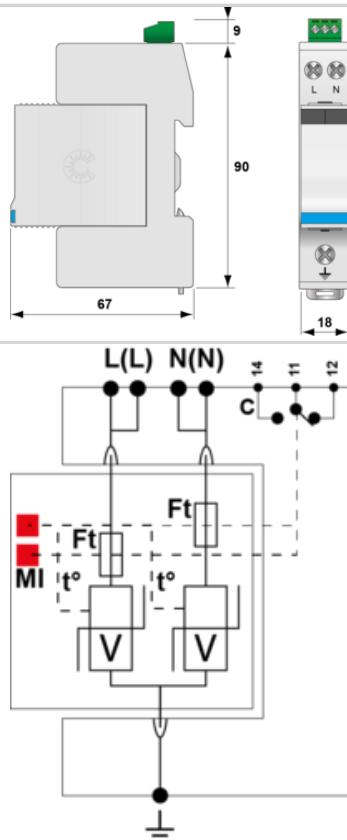
Compact 1-phase Type 2 (or 3) surge protector - 230 V - Pluggable

CITEL

DS215S-230



- Discover our latest innovation : the [DAC15CS-20-275](#)
- 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



V: High-energy varistor
Ft: Thermal fuse
C: Remote signal contact
t°: Thermal disconnection system
MI: Disconnection indicator

Electrical Characteristics

SPD type	2 (or 3)	
Network	230 V single-phase	
AC system	TN	
Nominal line voltage	Un	230 Vac
Max. AC operating voltage	Uc	255 Vac
Max. load current <i>if series connection</i>	IL	20 A
Temporary Over Voltage (TOV) Characteristics - 5 sec. <i>Without disconnection</i>	UT	335 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn <i>Without disconnection or with safety disconnection</i>	UT	440 Vac disconnection
Residual Current <i>Leakage current to Ground</i>	Ipe	< 0.5 mA
Follow current	If	None
Nominal discharge current <i>15 x 8/20 µs impulses</i>	In	5 kA
Max. discharge current <i>max. withstand @ 8/20 µs by pole</i>	Imax	15 kA
Withstand on Combination waveform IEC 61643-11 <i>Class III test: 1.2/50µs - 8/20µs</i>	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	
Residual voltage at 5 kA <i>@ 5 kA (8/20µs)</i>	Up-5kA	0.9 kV
Protection level CM/DM <i>@ In (8/20µs)</i>	Up mc /md	0.9 kV
Admissible short-circuit current	Isccr	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)	DSM215-230	
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 / CSA	
Part number	451711	

