



Type 1+2 AC surge protector - 1-pole

CITEL

DS250VG-1000



- Type 1+2 surge protector
- In : 30 kA
- Iimp : 25 kA
- Low voltage Up
- Internal disconnection, status indicator
- Remote signaling
- IEC 61643-11, EN 61643-11 and UL1449 ed4 compliance



	Electrical Characteristics	
	SPD type	1+2
<p>V: High-energy varistor GSG: Specific gas tube Ft: Thermal fuse C: Remote signaling contact t*: Thermal disconnection system MI: Disconnection indicator</p>	Nominal line voltage	Un 900 V
	Max. AC operating voltage	Uc 1000 Vac
	Max. load current @25°C	IL 100 A
	Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection	UT 1320 Vac withstand
	Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection	UT 1732 Vac withstand
	Residual Current Leakage current to Ground	Ipe None
	Follow current	If None
	Nominal discharge current 15 x 8/20 μs impulses	In 30 kA
	Max. discharge current max. withstand @ 8/20 μs by pole	I _{max} 60 kA
	Impulse current by pole max. withstand 10/350 μs by pole	I _{imp} 25 kA
	Withstand on Combination waveform IEC 61643-11 Class III test: 1.2/50 μs - 8/20 μs	Uoc 6 kV
	Specific energy by pole max. withstand 10/350 μs	W/R 156 kJ/ohm
	Protection level @ In (8/20 μs)	Up < 3.4 kV
	Admissible short-circuit current	I _{sc} 50 000 A
	Mechanical Characteristics	
	Technology	VG Technology (MOV+GSG)
SPD configuration	Single phase	
Connection to Network	By screw: 6-35mm ² (50mm ² flexible)	
Format	1-pole 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	
Remote signaling of disconnection	Output on changeover contact	
Dimensions	See diagram - 5 TE, DIN 43880	
Weight	0.68 kg	
Disconnectors		
Thermal disconnector	Internal	
Installation ground fault breaker	Type 'S' or delayed	
Back-up protection device	Fuses type gG - 315 A	
Standards		
Standards compliance	IEC 61643-11 / EN 61643-11 / UL1449 ed.5	
Certification		
Part number		
64013		

