



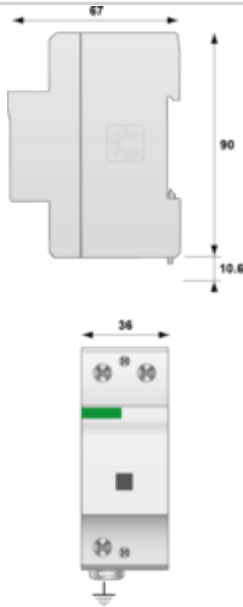
## Type 1 N/PE surge protector

# CITEL

## DS1000G-600



- Type 1 N/PE surge protector
- Iimp : 100 kA (10/350µs)
- Imax : 150 kA (8/20µs)
- Compatible with DS250 and DS150 series
- IEC 61643-11 compliance



### Electrical Characteristics

SPD type		N/PE
Network		230/400 V
Max. AC operating voltage	Uc	255 Vac
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 withstand
Temporary Over Voltage N/PE (TOV HT) <i>Without disconnection or with safety disconnection</i>	UT	1200 V/300A/200 ms withstand
Residual Current <i>Leakage current to Ground</i>	Ipe	None
Follow current	If	Yes
Follow current interrupting capability	Ifi	> 100 A
Nominal discharge current <i>15 x 8/20 µs impulses</i>	In	100 kA
Max. discharge current <i>max. withstand @ 8/20 µs by pole</i>	Imax	150 kA
Impulse current by pole <i>max. withstand 10/350µs by pole</i>	Iimp	100 kA
Protection level <i>@ In (8/20µs)</i>	Up	1.5 kV

### Mechanical Characteristics

Connection to Network		By screw terminals: 6-35mm <sup>2</sup> / by bus
Format		Monobloc modular box
Mounting		Symmetrical rail 35 mm (EN 60715)
Housing material		Thermoplastic UL94 V-0
Operating temperature	Tu	-40/+85°C
Protection rating		IP20
Dimensions		See diagram
Weight		0.301 kg

### Standards

Standards compliance		IEC 61643-11 / EN 61643-11
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### Part number

1647

