

# Plug-in AC Surge Protection units

## PARASURGE



CITEL offers a wide range of surge protectors in plug-in unit format. The various available versions allow the protection against lightning surge voltages of different types of sensitive equipment, such as personal computer or TV/Video systems.

This «plug-in» format, to fit in the wall AC outlet, allows a fast and error-free installation, directly on the wall outlet, by the end user.

This range of surge protectors is available with French, German or US plugs.

### Parasurge D

Plug-in unit built in with surge protection circuit for AC network. It is based on gas tube and varistors hybrid association, with thermal safety to comply IEC 61643-1 standard.

It is equipped with light indicators for surge protection status (active or disconnected) and AC voltage status (voltage on/voltage off).

This Parasurge is available in French (Parasurge F), German (Parasurge D) or US (Parasurge US) plugs.

### Parasurge D/TEL

Plug-in unit, similar to Parasurge D, but with an extra surge protec-

tion circuit for analog telecom line (PSTN or ADSL).

This unit is installed easily on the wall AC outlet and the telecom line is connected on the RJ11 connectors of the Parasurge.

### Parasurge D/ISDN

Version for ISDN line. This Parasurge is equipped with adapted surge protection circuit and relevant RJ45 connectors.

### Parasurge D/TV

Plug-in unit, similar to Parasurge D, but with an extra surge protection circuit for TV antenna or cable.

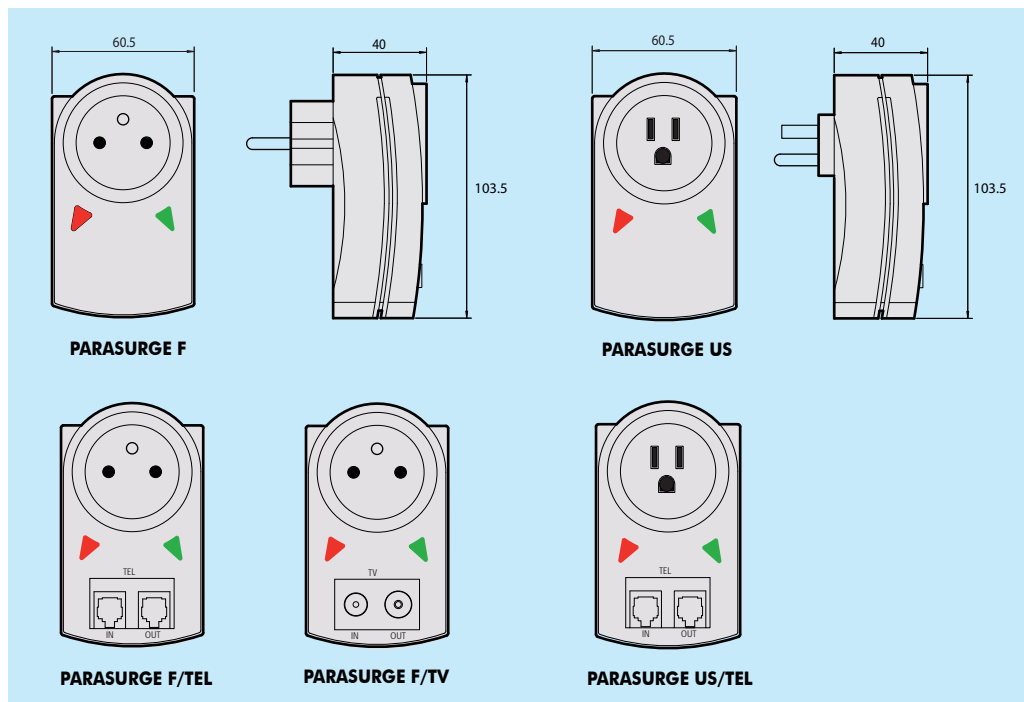
This unit is installed easily on the wall AC outlet and the coaxial line is connected on the coaxial TV connectors of the Parasurge.

- **Type 2 (or 3) AC Surge Protectors**
- **«Plug-in» format**
  - Single AC plug version
  - Telecom/AC version (Fax, Modem...)
  - TV/AC version (antenna, satellite, cable)
- **French, German, US AC plugs**
- **Protection and AC voltage status indicators**
- **Instantaneous installation**
- **Complies with IEC 61643-1**

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## PARASURGE

### Dimensions (in mm)



### Characteristics

Parasurge	Parasurge F. or D...	Parasurge US..	
Nominal voltage	230 V single phase	120 V single phase	
Max. operating voltage (Uc)	250 Vac	150 Vac	
Maximum line current	16 A	15 A	
Protection level (Up)	1.5 kV	0.8 kV	
Max. discharge current (Imax)	5 kA (1 x 8/20µs impulse)		
Nominal discharge current (In)	2.5 kA (15 x 8/20µs impulse)		
Safety disconnection	disconnection by internal fuse		
AC voltage on	Orange led on		
Surge protection active	Green led on		
Compliance	IEC 61643-1		
Combined versions for :	Telecom-ADSL	ISDN	TV
Part number :			
- French plug	Parasurge F/TEL	Parasurge F/RNIS	Parasurge F/TV
- German plug	Parasurge D/TEL	Parasurge D/ISDN	Parasurge D/TV
- US plug	Parasurge US/TEL		
Connection	RJ11	RJ45	IEC or F connector
Maximum line voltage	180 V	180 V	70 V
Protection level (Up)	240 V	240 V	300 V
Maximum discharge current (Imax)	5 kA	5 kA	5 kA
Nominal discharge current (In)	2.5 kA	2.5 kA	2.5 kA