

# Data «D-Sub» Surge Protectors

## DD



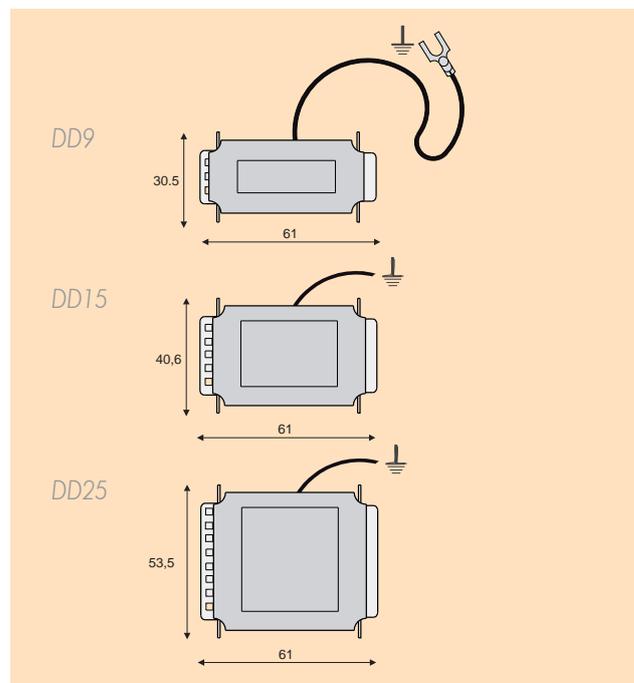
These surge protectors are designed to protect sensitive equipment linked to datalines equipped with D-Sub connectors, as RS232, RS422 and RS485 lines.

They protect against surge voltages due to lightning or switching operations. They are equipped with D-sub connectors for fast and easy maintenance. In order to comply with the line configuration, all the wires are transmitted and protected.

The surge protection diagram is based on ultra-fast clamping diodes in to reach an high level of efficiency. Nevertheless, their low discharge capability make them usable only to protect indoor transmission lines.

- «D-Sub» surge protectors
- For RS232, RS422, RS485 lines
- Instantaneous installation
- 9 pts, 15 pts ou 25 pts connectors

## Dimensions (in mm)



## Characteristics

CITEL part number	DDx-6V	DDx-24V
Type of line	RS422/RS485	RS232
Connectique Sub-D 25 pts	<b>DD25-6V</b>	<b>DD25-24V</b>
Connectique Sub-D 15 pts	<b>DD15-6V</b>	<b>DD15-24V</b>
Connectique Sub-D 9 pts	<b>DD9-6V</b>	<b>DD9-24V</b>
Max. line voltage (Uc)	6 V	15 V
Capacitance	< 30 pF	< 30 pF
Maximum data rate	< 40 Mbps	< 40 Mbps
Clamping voltage (Up)	7.5 V	18 V
Nominal discharge current (In)	400 A	300 A
Connector wiring	all wires transmitted and protected	all wires transmitted and protected
Mounting	on connector	on connector
Earthing	by wire	by wire
Housing material	thermoplastic	thermoplastic
Dimensions	see drawings	see drawings