

Controlling the address and speed of the bus

From the terminal, select the **[1.9 - COMMUNICATION] (C D N -)** menu (**[PROFIBUS DP] (P b S -)** submenu) to display both parameters:

- **[Address] (A d r c)**: Drive address on the bus configured on the switches
- **[Bit rate] (b d r)**: Bus speed imposed by the Profibus DP master

These parameters cannot be modified.

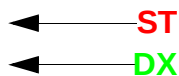
LEDs

The Profibus DP card has two LEDs, **ST** and **DX**, visible through the window on the cover of the Altivar 61 / 71:

1.1
1.2
1.3
1.4
1.5

- The status of the Profibus DP card is indicated by the red **ST** (status) LED: LED 2.1.
- The status of the Profibus DP communication link is indicated by the green **DX** (data exchange) LED: LED 2.2.

2.1
2.2
2.3
2.4
2.5



The table below gives the meaning of the various states of these two LEDs:

Red ST LED (LED 2.1)	Green DX LED (LED 2.2)	Meaning	Corrective actions in the event of malfunction
		The card has been configured and its parameters set correctly by the master.	
		The card is in Idle state, awaiting configuration.	Enter a value between 1 and 126 using the switches on the option card.
		The card is in Wait_Prm or Wait_Cfg state.	Check the connection to the Profibus DP bus, start up the PLC and, if the drive has a communication card fault (CnF), reset it.
		The card is in ILF fault mode.	Check the connection between the Profibus DP card and the drive.
		The card is in the "data exchange" state, and error-free data exchange is taking place.	
		No communication on the bus, no data is being exchanged.	Check the connection to the Profibus DP bus, start up the PLC.

LED states



LED off



Slow flashing (0.5 s)



LED on



Quick flashing (0.1 s)